KP-5500E KP-5501E KP-5800E

CASSETTE CAR STEREO WITH MW/FM-STEREO

CASSETTE CAR STEREO WITH AM/FM-STEREO

CASSETTE CAR STEREO WITH LW/MW/FM-STEREO

SERVICE MANUAL

Subject:
For Cassette Mechanism, refer to the Service Manual of unit number X-100A/B.

Original

SPECIFICATIONS

General

Power source	DC 13.8V (11 ~ 16V allowable)
Grounding system	Negative type
Max. current consumption	1.2A
Power output (max.)	6W + 6W
(continuous)	5W + 5W
Load impedance	4Ω (2 ~ 8Ω allowable)
Dimensions (W × H × D)	180 × 50 × 150 mm
Nose size (W × H × D)	105 × 42 × 16 mm
Shaft interval	130 mm
Weight	1.9 kg

Tape player

Tape	Compact cassette tape (C-30 ~ C-90)
Tape speed	4.76 cm/sec. (+0.19 cm/sec., −0.05 cm/sec.)
Fast forward time	Within 100 sec. for C-60
Rewind time	Within 100 sec. for C-60
Wow & flutter	No more than 0.28% (WRMS)
Frequency response	50 ~ 12,000 Hz (±3 dB)
Cross talk	More than 40 dB
Signal-to-noise ratio	More than 45 dB

AM (MW) tuner

Frequency range	525 ~ 1,620 kHz
Usable sensitivity	25μV
Selectivity	25 dB (±9 kHz)
Max. input signal (distortion 5%)	130 dB

FM tuner

Frequency range	88 ~ 108 MHz
	88 ~ 104 MHz (KP-5800 only)
Usable sensitivity	26.4 dBf (8.0μV/150Ω)
	25.2 dBf (5μV/75Ω) (KP-5501 only)
50 dB quieting sensitivity	26.6 dBf (8.2μV/150Ω)
	25.7 dBf (5.3μV/75Ω) (KP-5501 only)
Signal-to-noise ratio	60 dB
Capture ratio	3 dB
Selectivity	50 dB (±400 kHz)
Distortion	1% (at 65 dBf, 1 kHz, stereo)
Frequency response	50 ~ 10,000 Hz (±3 dB)
Stereo separation	35 dB (at 65 dBf, 1 kHz)

LW tuner (KP-5800 only)

Frequency range	150 ~ 280 kHz
Usable sensitivity	180μV
Selectivity	25 dB (±9 kHz)
Max. input signal (distortion 5%)	130 dB

Note:
Specifications and the design subject to possible modification without notice due to improvements.

PIONEER®

CONTENTS

1. PARTS LOCATION

KP-5500
KP-5501
KP-5800

• Top View

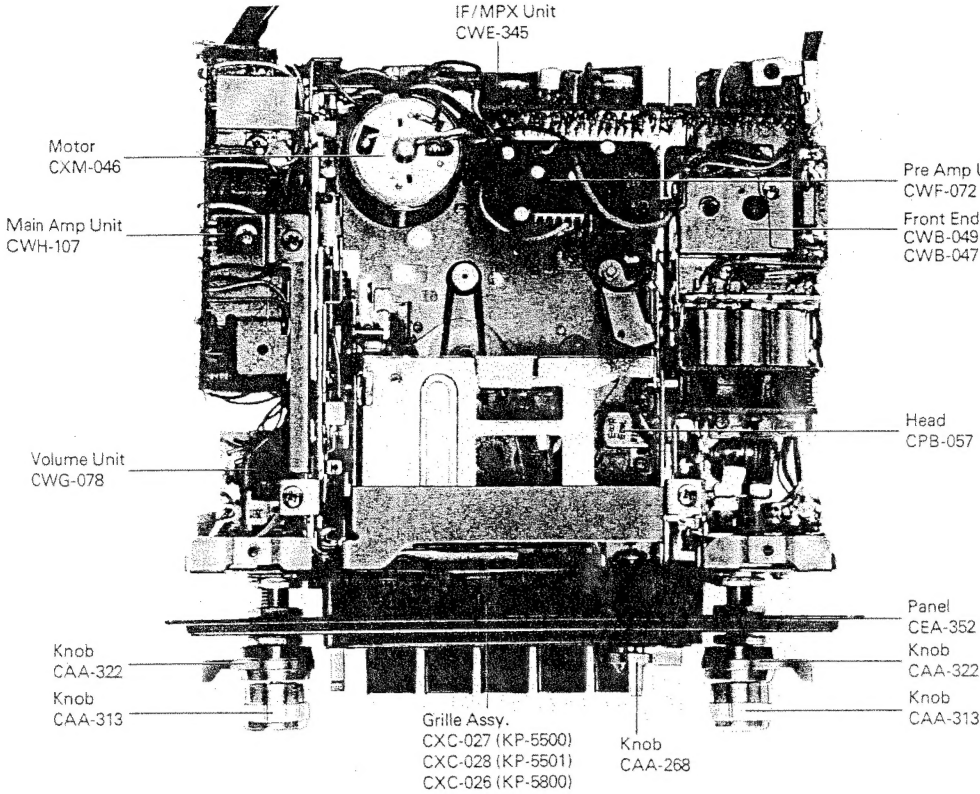


Fig. 1

• Bottom View (KP-5500, KP-5501)

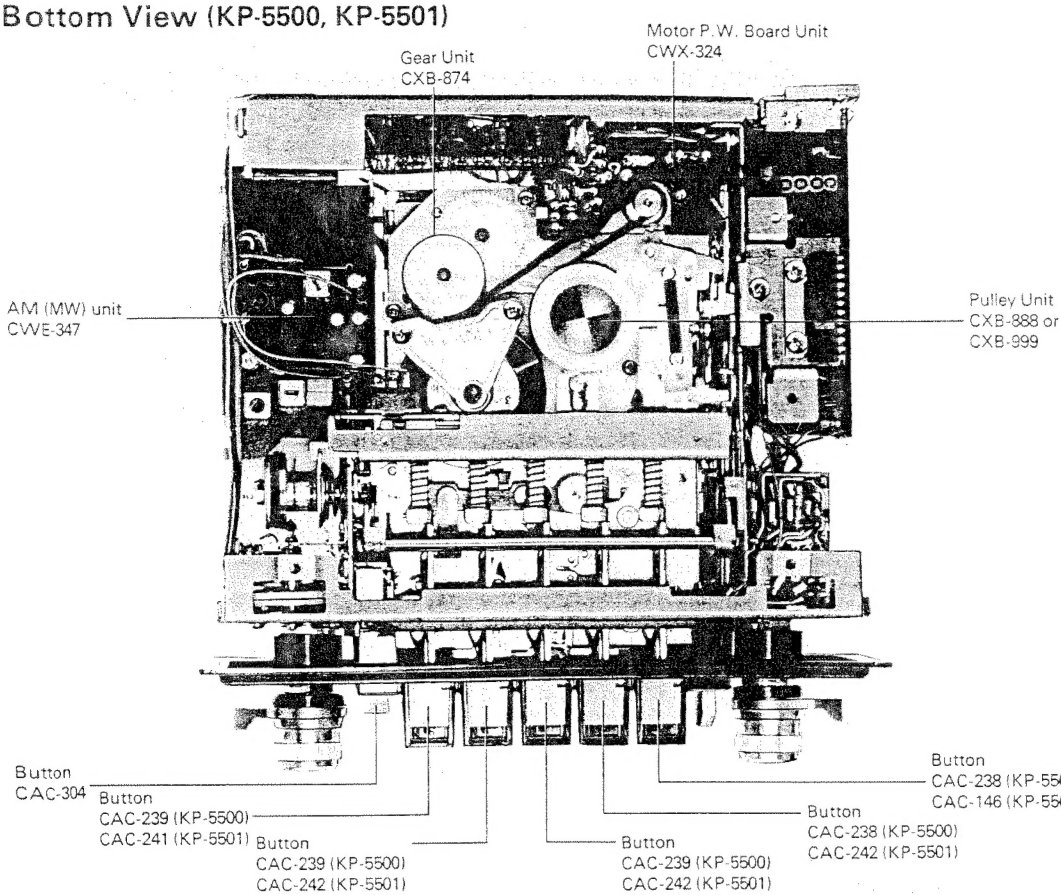


Fig. 2

• Bottom View (KP-5800)

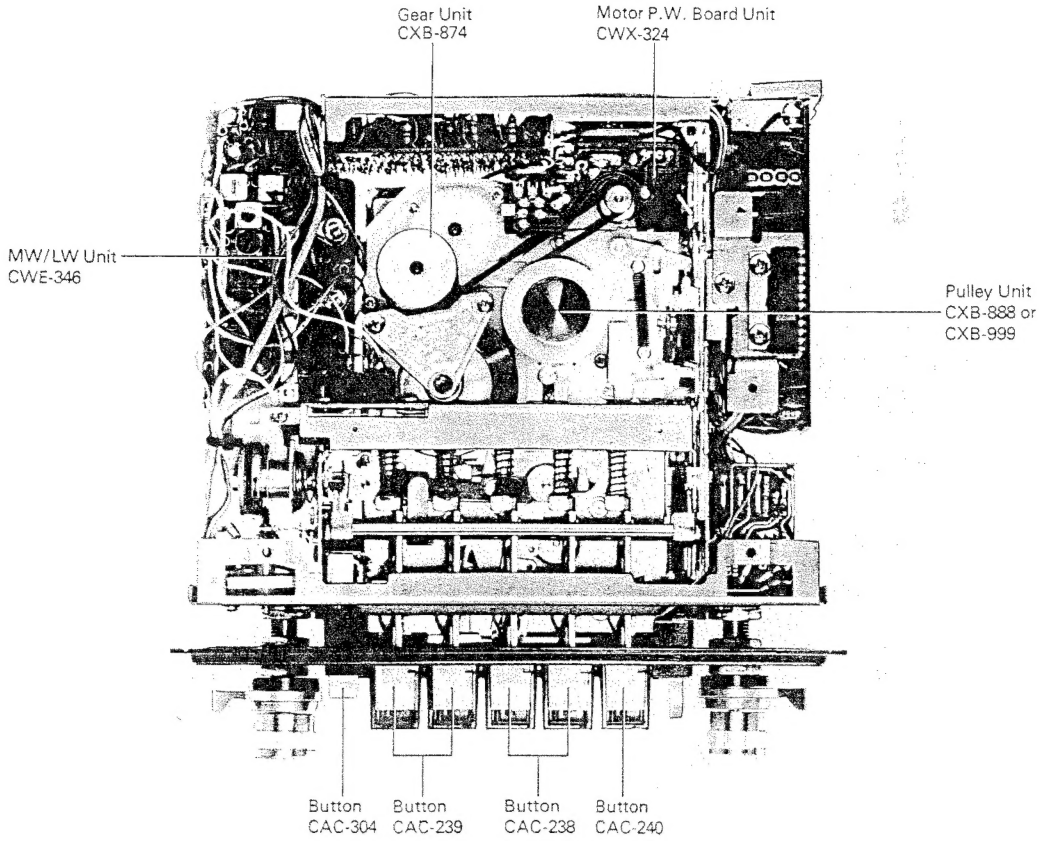


Fig. 3

2. CIRCUIT DESCRIPTION

• Level Diagram

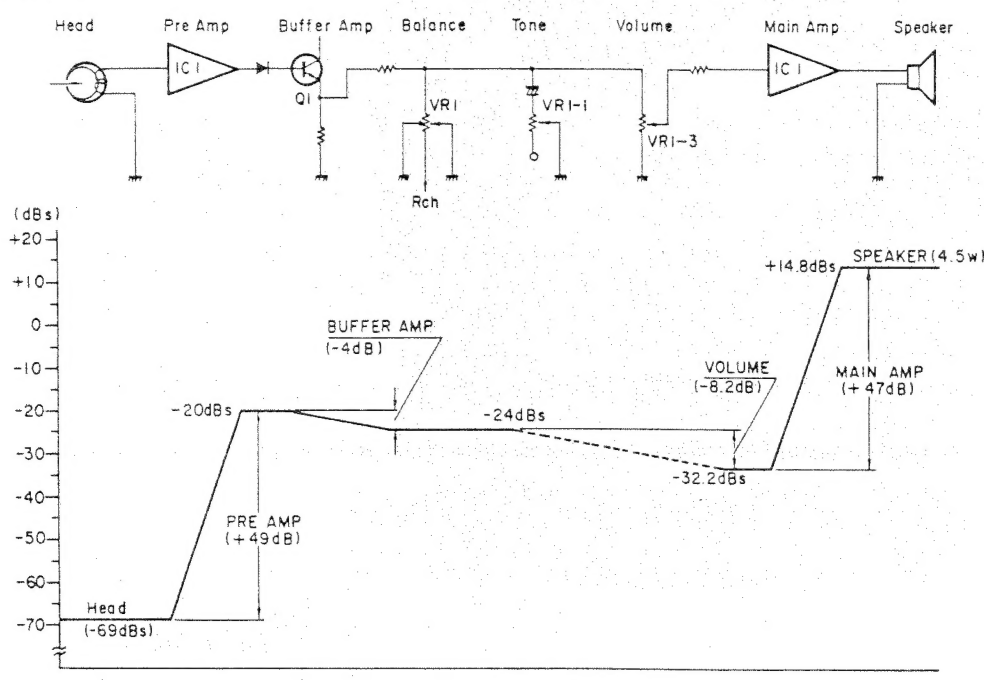


Fig. 4

• Block Diagram (KP-5500, KP-5501)

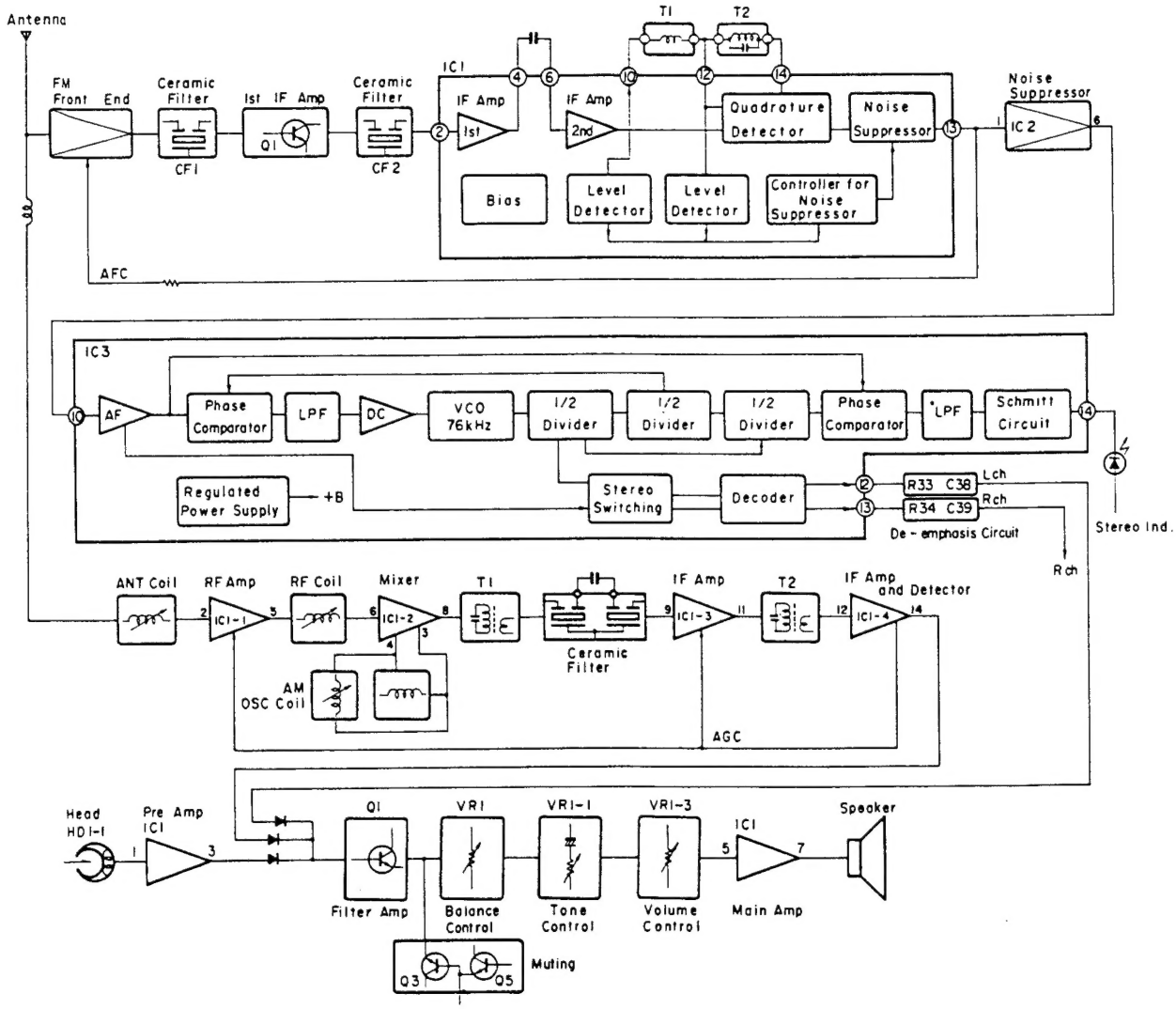


Fig. 5

• Block Diagram (KP-5800)

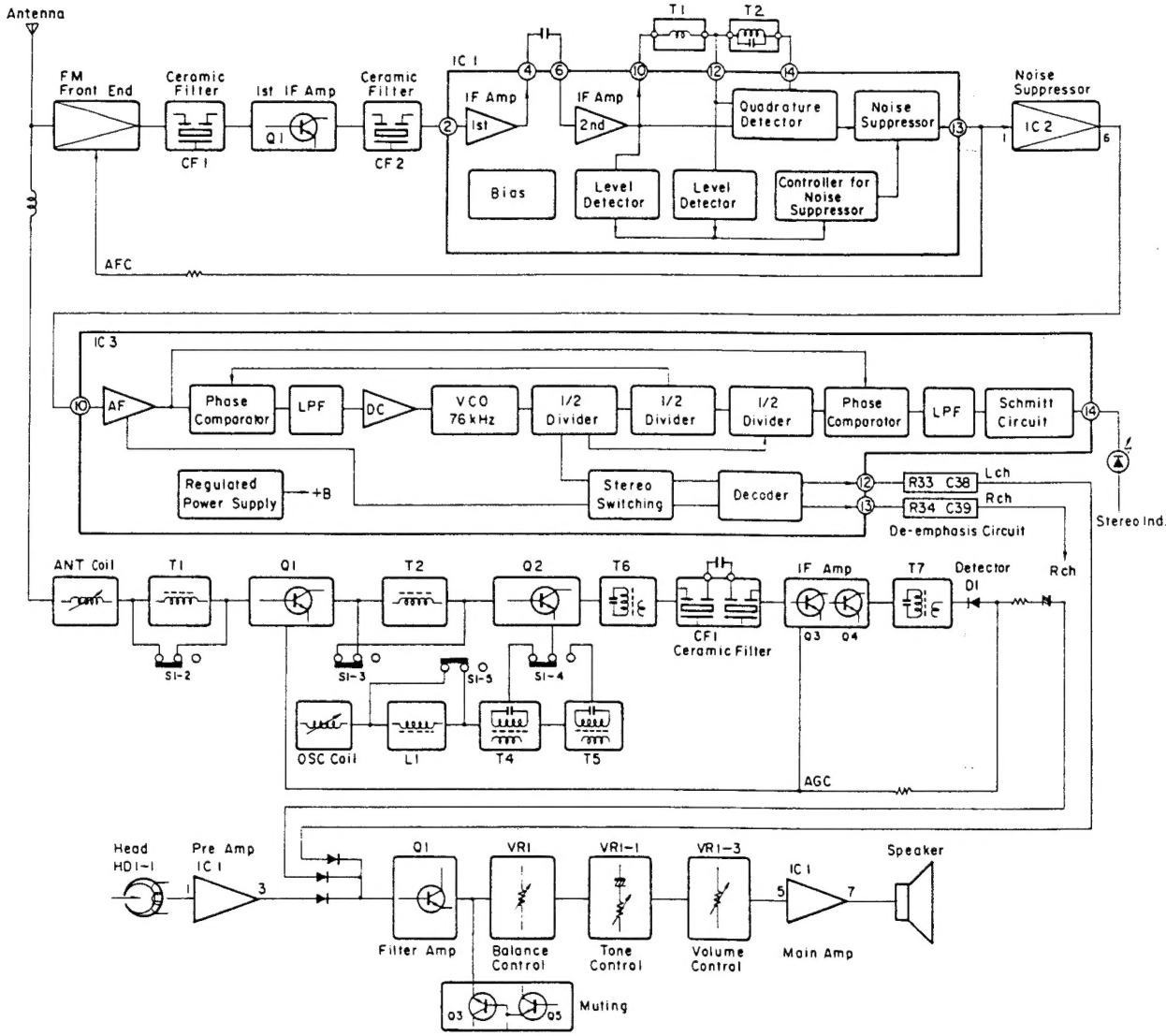


Fig. 6

• Noise Suppressor

The input signal containing the pulsive noise as illustrated in Waveform-1 is first impedance-coverted by the buffer amplifier, then coupled to the gate circuit via the low-pass filter.
Meanwhile, the high-pass filter filters out only the pulsive noise component from the input signal and feeds the noise component to the noise detector where it is amplified and rectified. (See Waveform-2)
To cope with weak-signal noise, the noise detector is supported with teh AGC (Automatic Gain Control) circuit. The noise component from the noise detector output is waveform-shaped by the mono-stable multivibrator (See Waveform-3). The output from the mono-stable multivibrator then couples to the gate circuit as a control-pulse array which is used to cut out only the pulsive noise component from the audio signal.
The memory provided at where holds the audiosignal level constant while the gate circuit is "closed"
The 19 kHz pilot-hold circuit serves to prevent stereo pilot-signal intermission.
The audio signal then sustains high-frequency-phase compensation to compensate for the phase shift due to the low-pass filter, then is coupled to the output terminal.

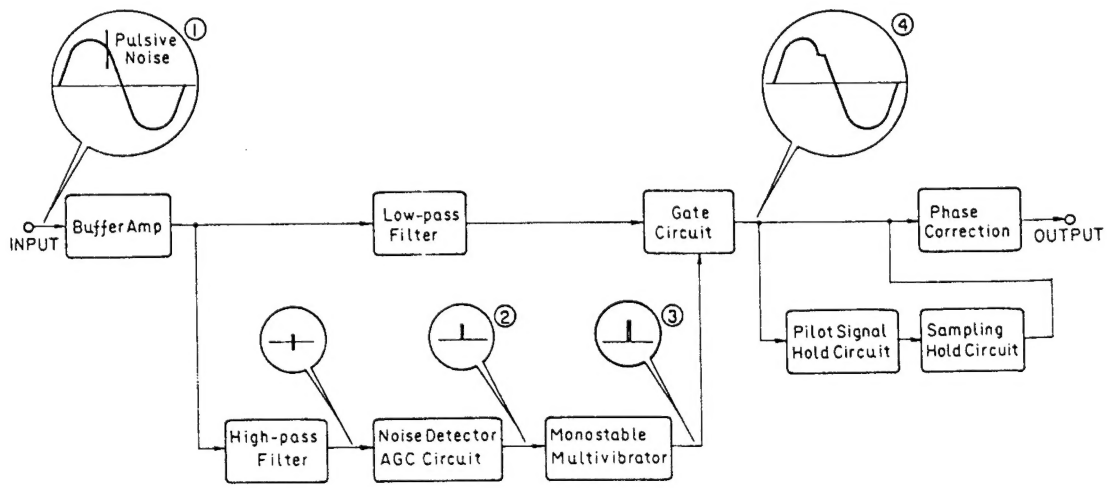


Fig. 7

3. ADJUSTMENT

3.1 FM IF ADJUSTMENT

• Connection Diagram

Switch positions

FM Pre set Button ..... Push (ON)
Mono/Stereo Switch ..... Stereo

NOTE:
The 10.7 MHz marker need not be center positioned on the waveform.

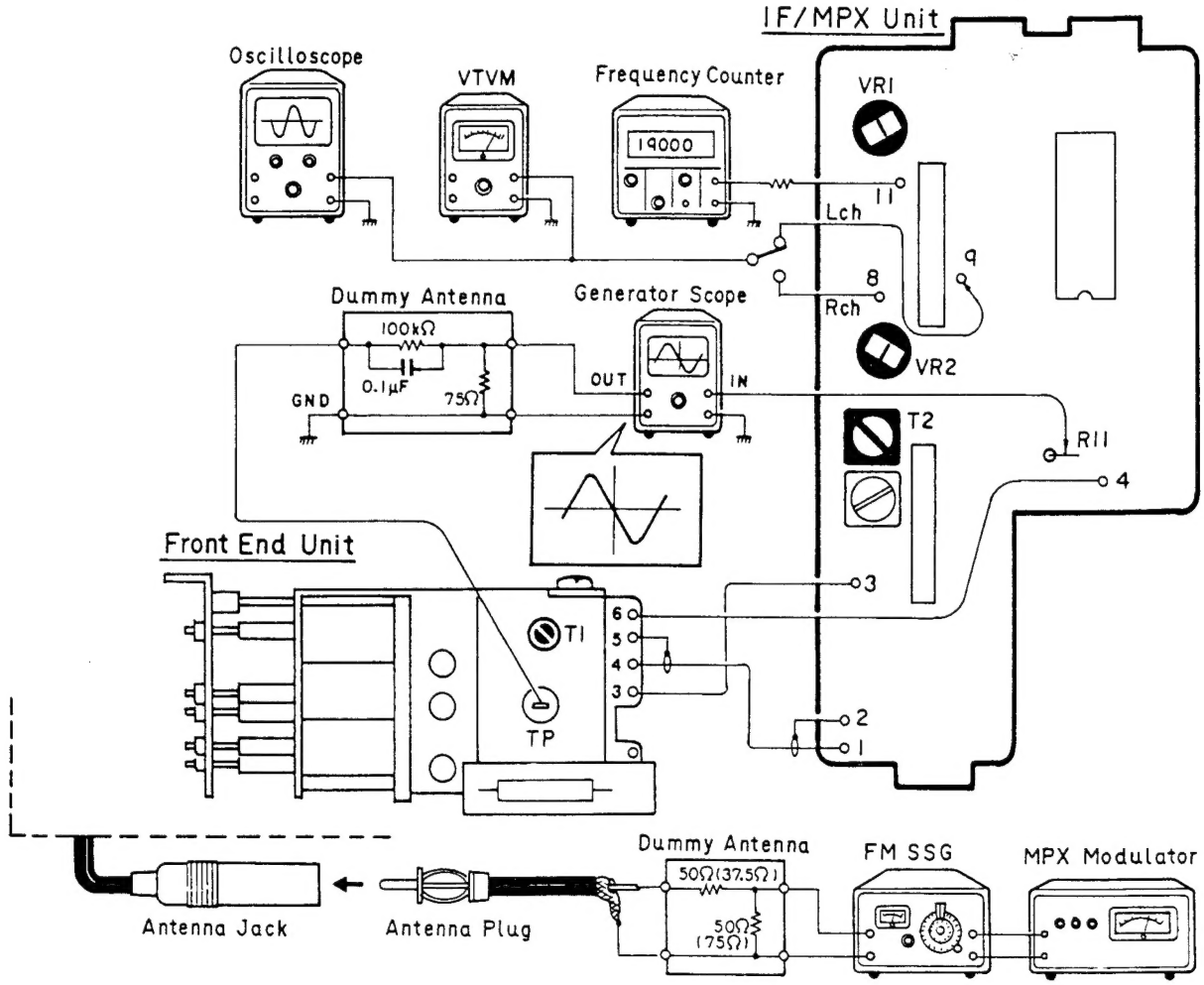


Fig. 8

• To Adjust

1. Set Generator Scope as follows:
   Frequency centering on sweep ..... 10.7 MHz
   Input level ..... 0.2 Vp-p/cm
   Output level ..... 1.8 mV ~ 5 mV
2. A waveform shown in Fig. 8 is obtained on the generator scope when the hook-up is made as illustrated above and the power source is applied to.
3. Adjust the core of T2 so that maximum amplitude and optimum linearity are obtained.
4. Add output signal of 98 MHz 15 dB (μV) from SSG and tune to 98 MHz on the dial.
5. Adjust the core of T1 (Front End Unit) so that the VTVM pointer indicates the maximum output.

3.2 FM MPX ADJUSTMENT

• Connection Diagram (Shown in Fig. 8.)

• To Adjust

1. Add output signal of 98 MHz 15 dB (μV) from SSG and tune to 98 MHz on the dial.
2. Add unmodulated signal of 98 MHz 60 dB (μV) from SSG and adjust VR1 so that the frequency counter will indicate 19 kHz ± 30 Hz.
3. Add stereo modulation signal of 60 dB (μV) from SSG and adjust VR2 to secure maximum separation.

3.3 FM TRACKING ADJUSTMENT

• Connection Diagram

Switch position

FM Pre set Button ..... Push (ON)

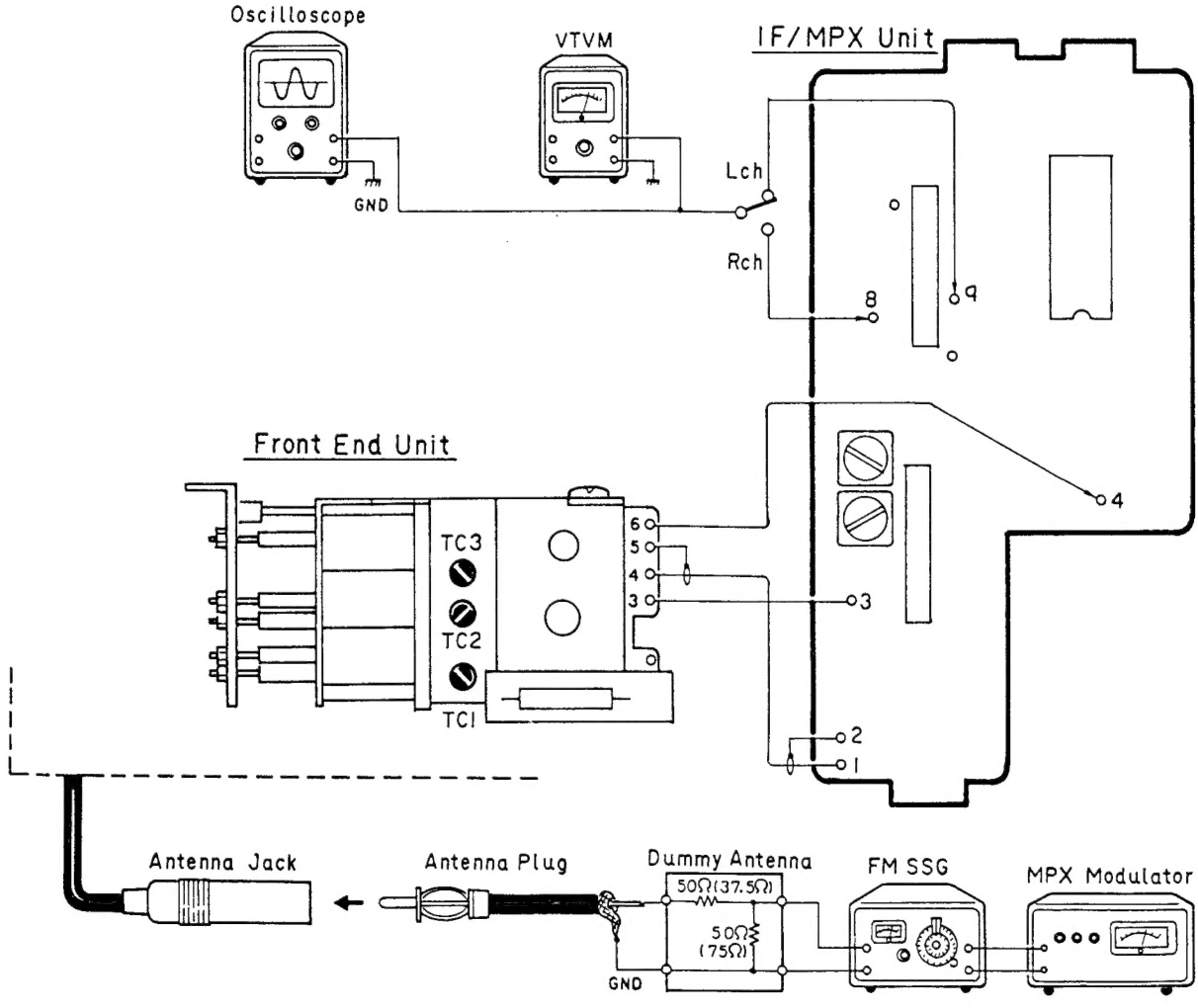


Fig . 9

• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 87.5 MHz (400Hz, 100% modulation), output level 15dB (μV)	Minimum	TC3	87.5 MHz can be received
2. 108.5 MHz (400Hz, 100% modulation), output level 15dB (μV)	Maximum		Check if 108.5 MHz can be received
3. 98 MHz (400Hz, 100% modulation), output level 15dB (μV)	Tuned position	TC1, TC2	Maximum output

3.4 AM (MW) IF ADJUSTMENT (KP-5500, KP-5501)

• Connection Diagram

Switch position
AM (MW) Pre set Button ..... Push (ON)

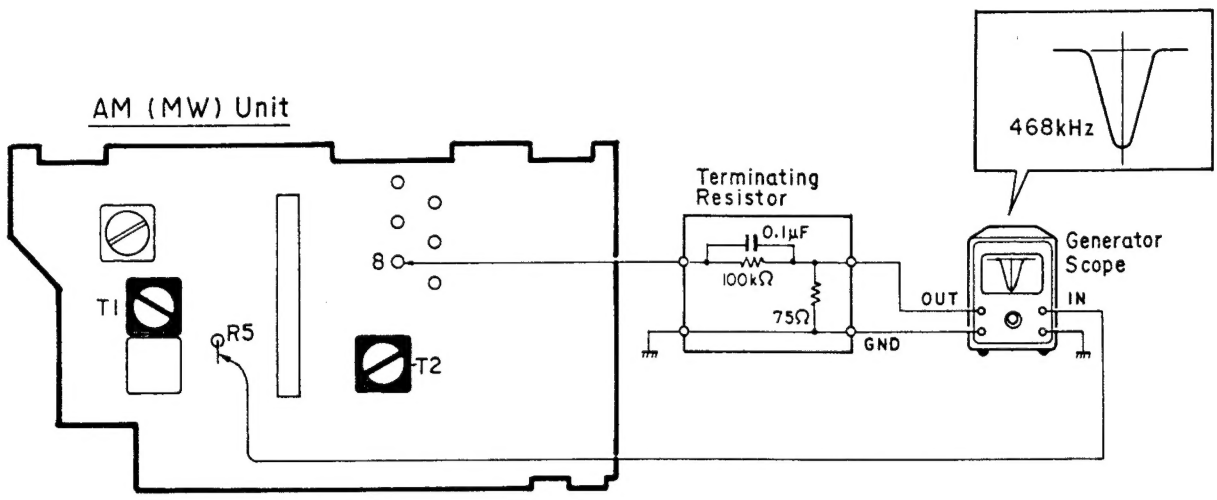


Fig. 10

• To Adjust

1. Set Generator Scope as Follows:
   Frequency centering on sweep ..... 468 kHz
   Input level 0.3Vp-p/cm
   Output level ..... 3mV ~ 10mV
2. Turn the cores (yellow and white) of T1 and T2 and adjust so that U-curve will be at maximum amplitude and best symmetry.

3.5 AM (MW) TRACKING ADJUSTMENT (KP-5500, KP-5501)

• Connection Diagram

Switch position
AM (MW) Pre set Button ..... Push (ON)

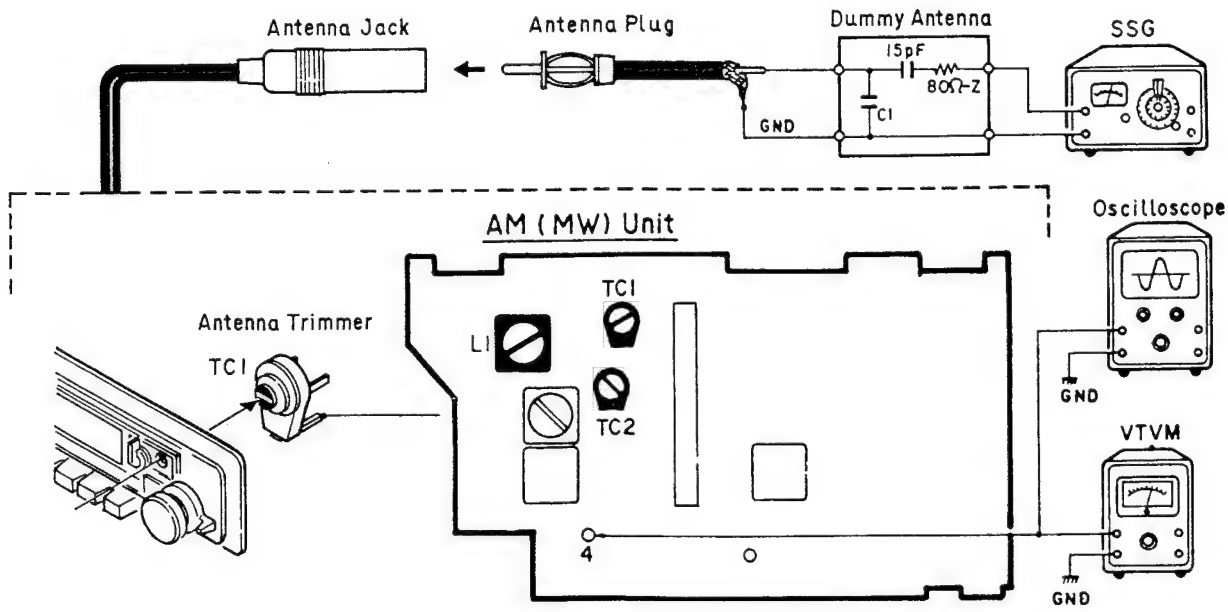


Fig. 11

NOTICE:
Select C1 so that total capacity of 80pF is attained from the direction of receiver jack.
Z: Output impedance of the S.S.G.

• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 515 kHz (400Hz, 30% modulation), output level 20dB (μV)	Minimum	L1	515 kHz can be received
2. 1,650 kHz (400Hz, 30% modulation), output level 20dB (μV)	Maximum	TC1	1,650 kHz can be received
3. Repeat (1) and (2) alternately and adjust so that broadcast can be received at the frequency between 515 kHz and 1,650 kHz.			
4. 1,000 kHz (400Hz, 30% modulation), output level 20dB (μV)	Tune to 1,000 kHz	TC2, Antenna trimmer (TC1)	VTVM at maximum

3.6 MW/LW IF ADJUSTMENT (KP-5800)

• Connection Diagram

Switch position
MW or LW Pre set Button ..... Push (ON)

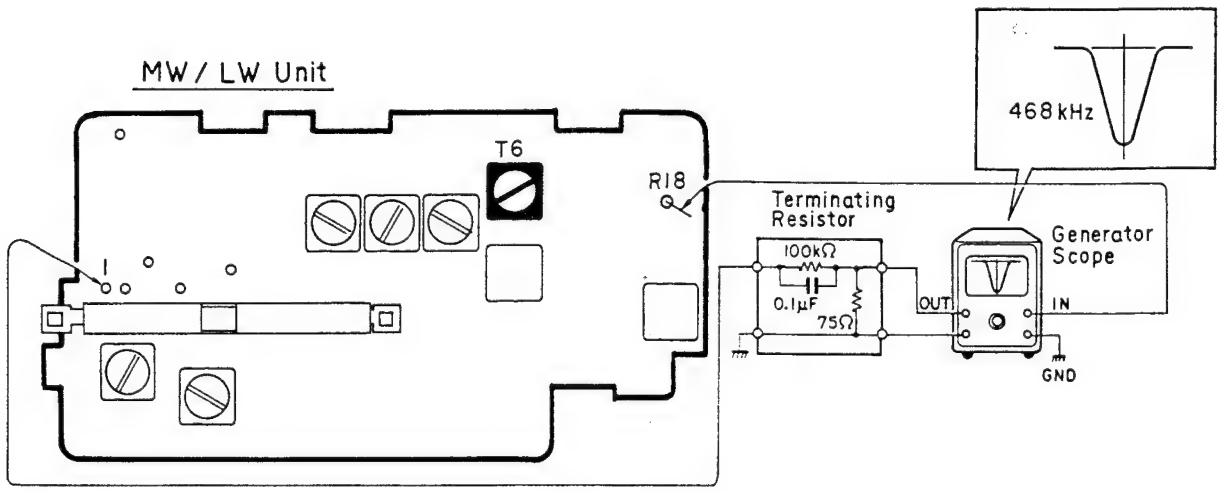


Fig. 12

• To Adjust

1. Set Generator Scope as Follows:
   Frequency centering on sweep ..... 468 kHz
   Input level 0.3Vp-p/cm
   Output level ..... 3mV ~ 10mV
2. Turn the core (yellow) of T6 and adjust so that U-curve wil be at maximum amplitude and best symmetry.

3.7 MW/LW TRACKING ADJUSTMENT (KP-5800)

In case of MW

• Connection Diagram

Switch position

MW Pre set Button ..... Push (ON)

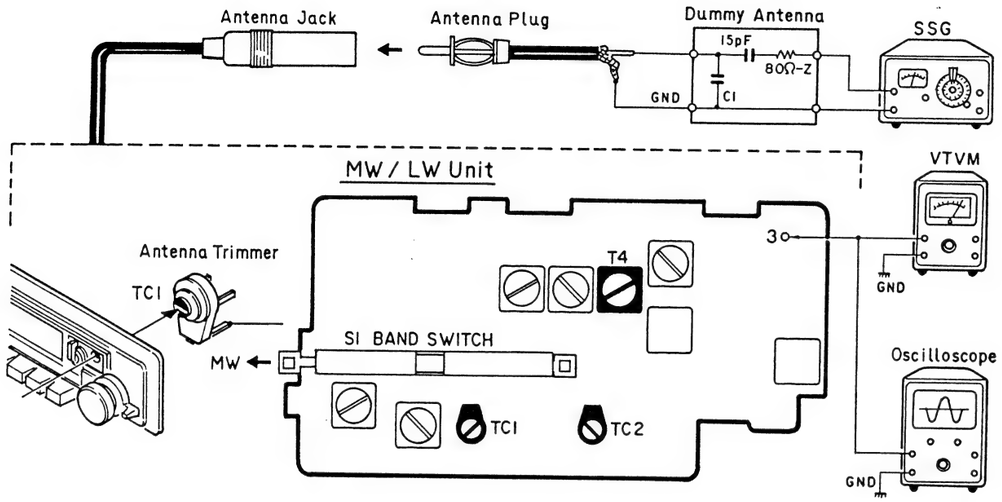


Fig. 13

NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of receiver jack.

Z: Output impedance of the S.S.G.

• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 515 kHz (400Hz, 30% modulation), output level 20dB (μV)	Minimum	T4	515 kHz can be received
2. 1,650 kHz (400Hz, 30% modulation), output level 20dB (μV)	Maximum	TC2	1,650 kHz can be received
3. Repeat (1) and (2) alternately and adjust so that broadcast can be received at the frequency between 515 kHz and 1,650 kHz.			
4. 1,000 kHz (400Hz, 30% modulation), output level 20dB (μV)	Tune to 1,000 kHz	TC1, Antenna trimmer (TC1)	VTVM at maximum

In case of LW

• Connection Diagram

Switch position

LW Pre set Button ..... Push (ON)

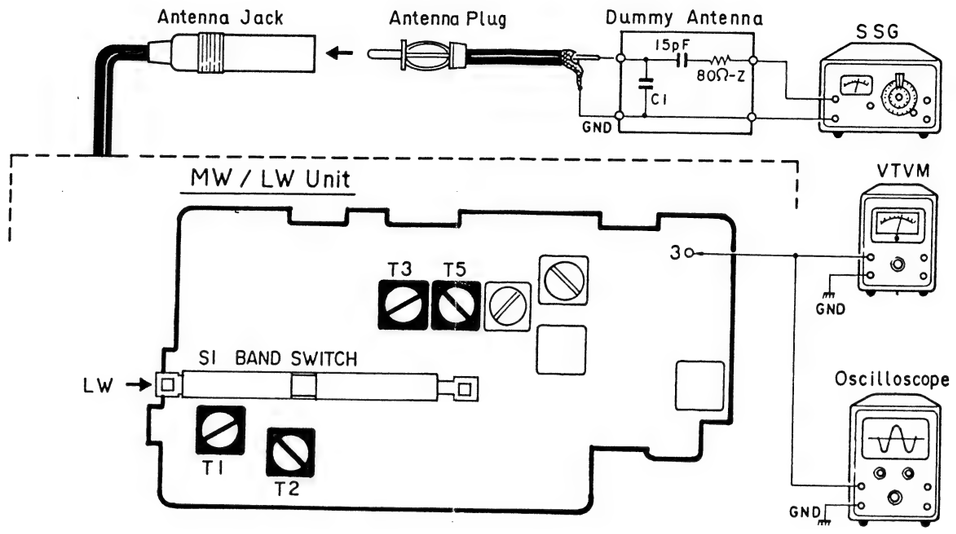


Fig. 14

NOTICE:

Select C1 so that total capacity of 80pF is attained from the direction of receiver jack.

Z: Output impedance of the S.S.G.

• To Adjust

SSG Frequency	Pointer Position	Adjustment Point	Note
1. 140 kHz (400Hz, 30% modulation), output level 40dB (μV)	Minimum	T5	140 kHz can be received
2. 295 kHz (400Hz, 30% modulation), output level 40dB (μV)	Maximum	T3	295 kHz can be received
3. Repeat (1) and (2) alternately and adjust so that broadcast can be received at the frequency between 140 kHz and 295 kHz.			
4. 215 kHz (400Hz, 30% modualtion), output level 40dB (μV)	Tune to 215 kHz	T1, T2	VTVM at maximum

4. SCHEMATIC CIRCUIT DIAGRAM (KP-5500, KP-5501)

KP-5500
KP-5501
KP-5800

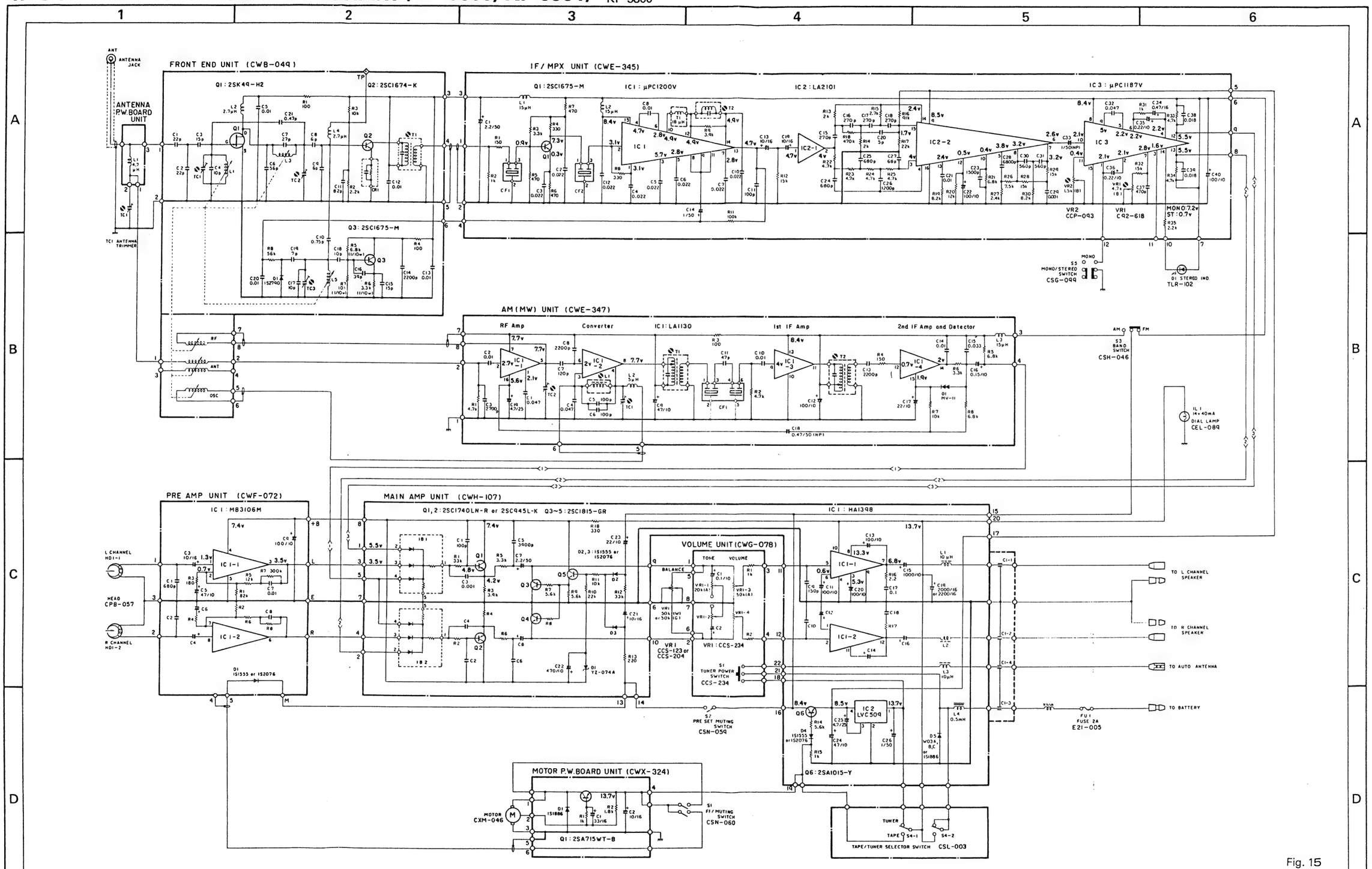
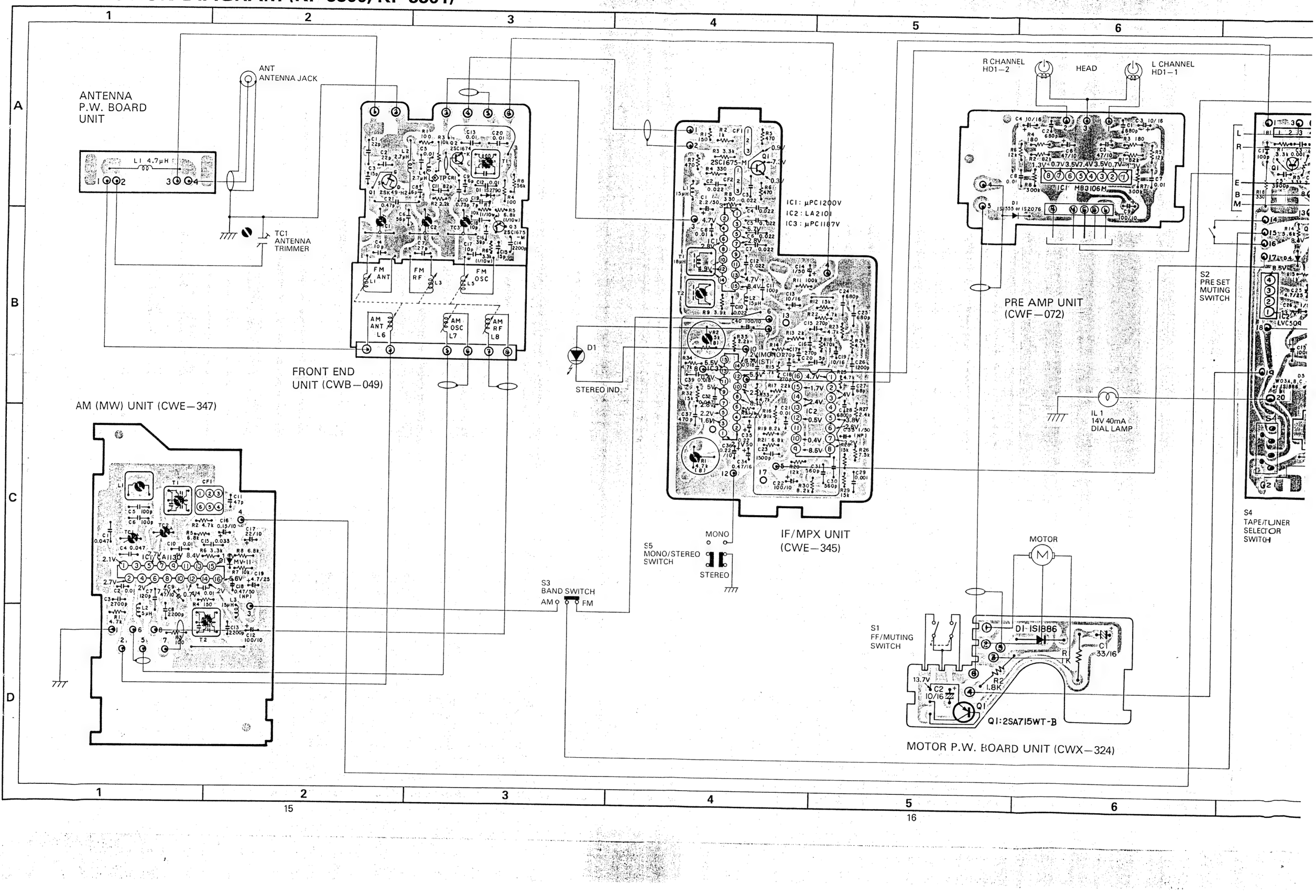


Fig. 15

5. CONNECTION DIAGRAM (KP-5500, KP-5501)



4 5 6 7 8 9

A B C D

R CHANNEL HD1—2 HEAD L CHANNEL HD1—1

Q1,2

E	4.2V
C	7.4V
B	4.8V

D1: YZ-074A

VR1 50k (W) or 50k (G)

IC1: μPC1200V
IC2: LA2101
IC3: μPC1187V

PRE AMP UNIT (CWF—072)

S2 PRE SET MUTING SWITCH

Q1, 2: 2SC1740LN—R or 2SC945L—K
Q3~5: 2SC1815—GR
Q6: 2SA1015—Y
D2~4: 1S1555 or 1S2076

VOLUME UNIT (CWG—078)

TUNER POWER SWITCH

TONE VOLUME

D1

STEREO IND.

IL 1
14V 40mA
DIAL LAMP

IF/MPX UNIT (CWE—345)

MAIN AMP UNIT (CWH—107)

S4 TAPE/TUNER SELECTOR SWITCH

MONO

S5 MONO/STEREO SWITCH

STEREO

TO AUTO ANTENNA

TO R CHANNEL SPEAKER

TO L CHANNEL SPEAKER

TO BATTERY

FU1 FUSE 2A

S3 BAND SWITCH

AM FM

MOTOR

S1 FF/MUTING SWITCH

D1 1S1886

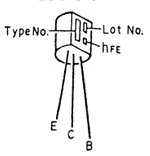
Q1: 2SA715WT-B

MOTOR P.W. BOARD UNIT (CWX—324)

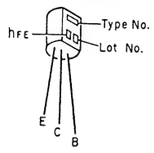
Fig. 16

• IC's and Transistors

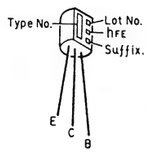
2SA1015
2SC1674
2SC1675
2SC1815



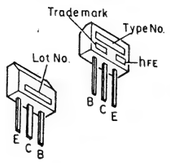
2SC1740LN



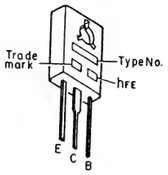
2SC945L



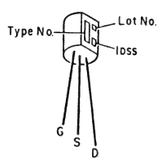
2SC460



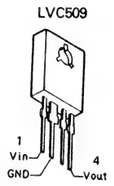
2SA715WT



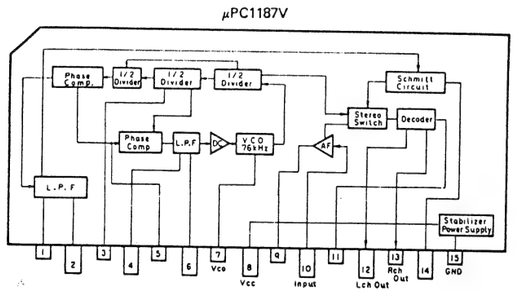
2SK49



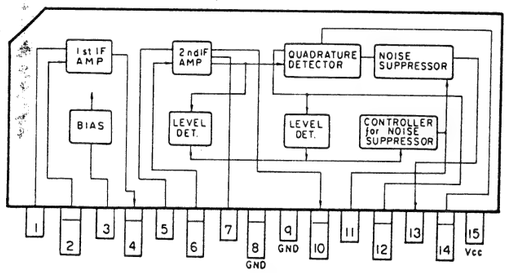
LVC509



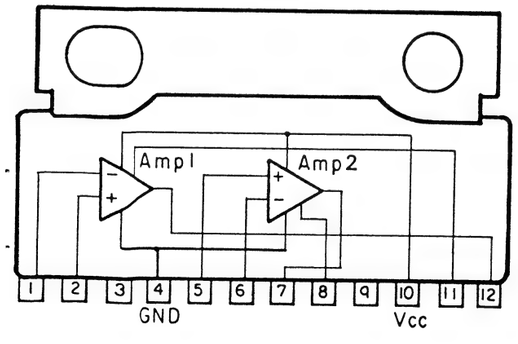
μPC1187V



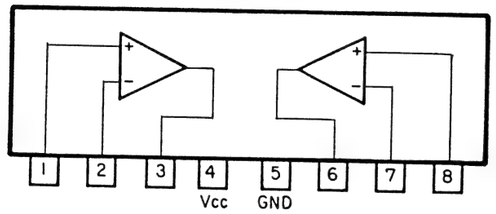
μPC1200V



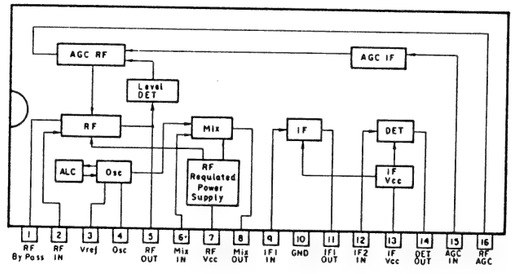
HA1398



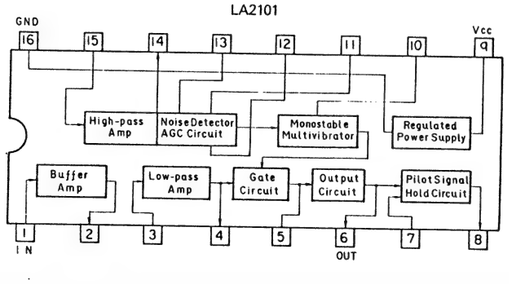
MB3106M



LA1130

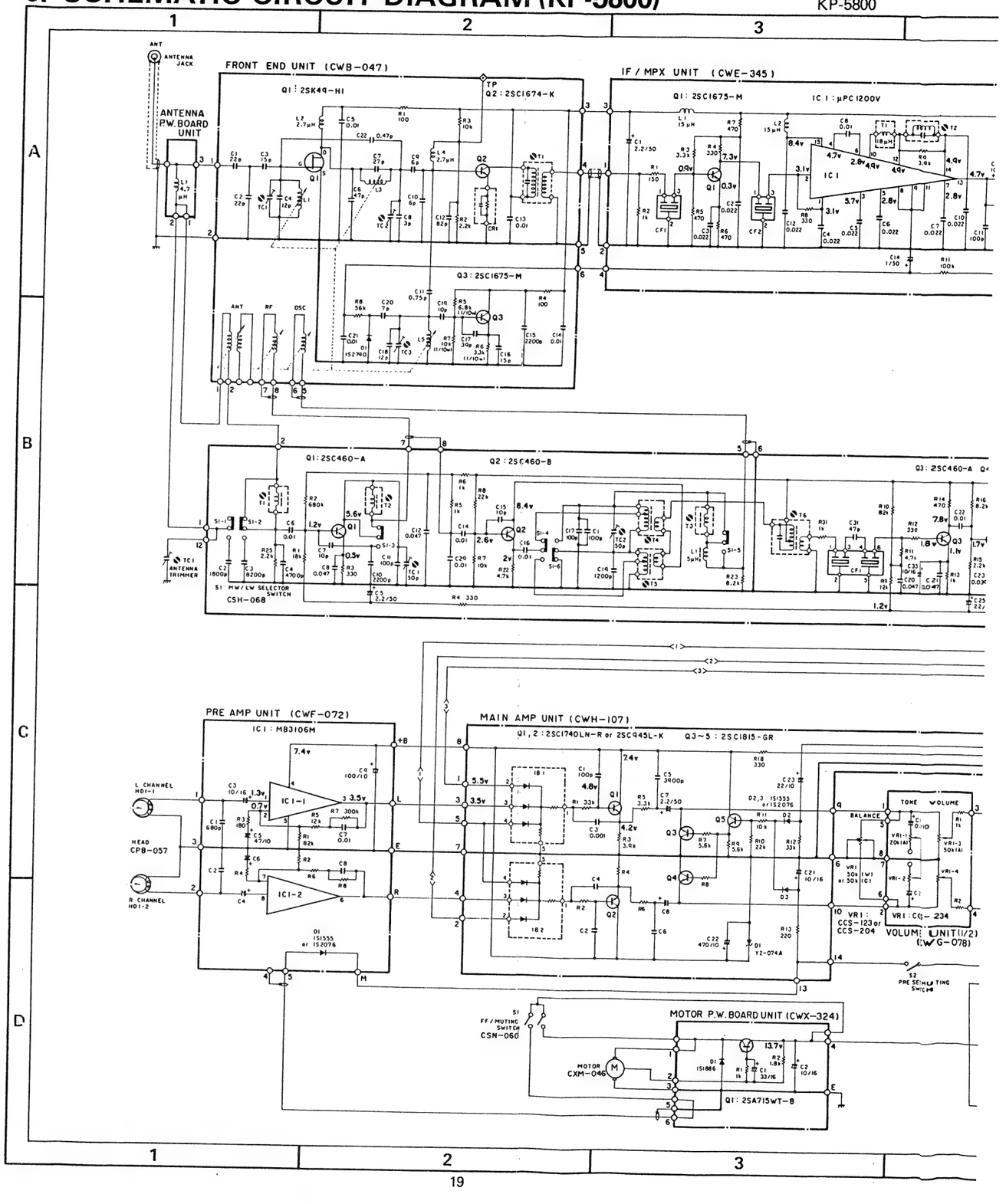


LA2101



6. SCHEMATIC CIRCUIT DIAGRAM (KP-5800)

KP-5500
KP-5501
KP-5800



6. SCHEMATIC CIRCUIT DIAGRAM (KP-5800)

KP-5500
KP-5501
KP-5800

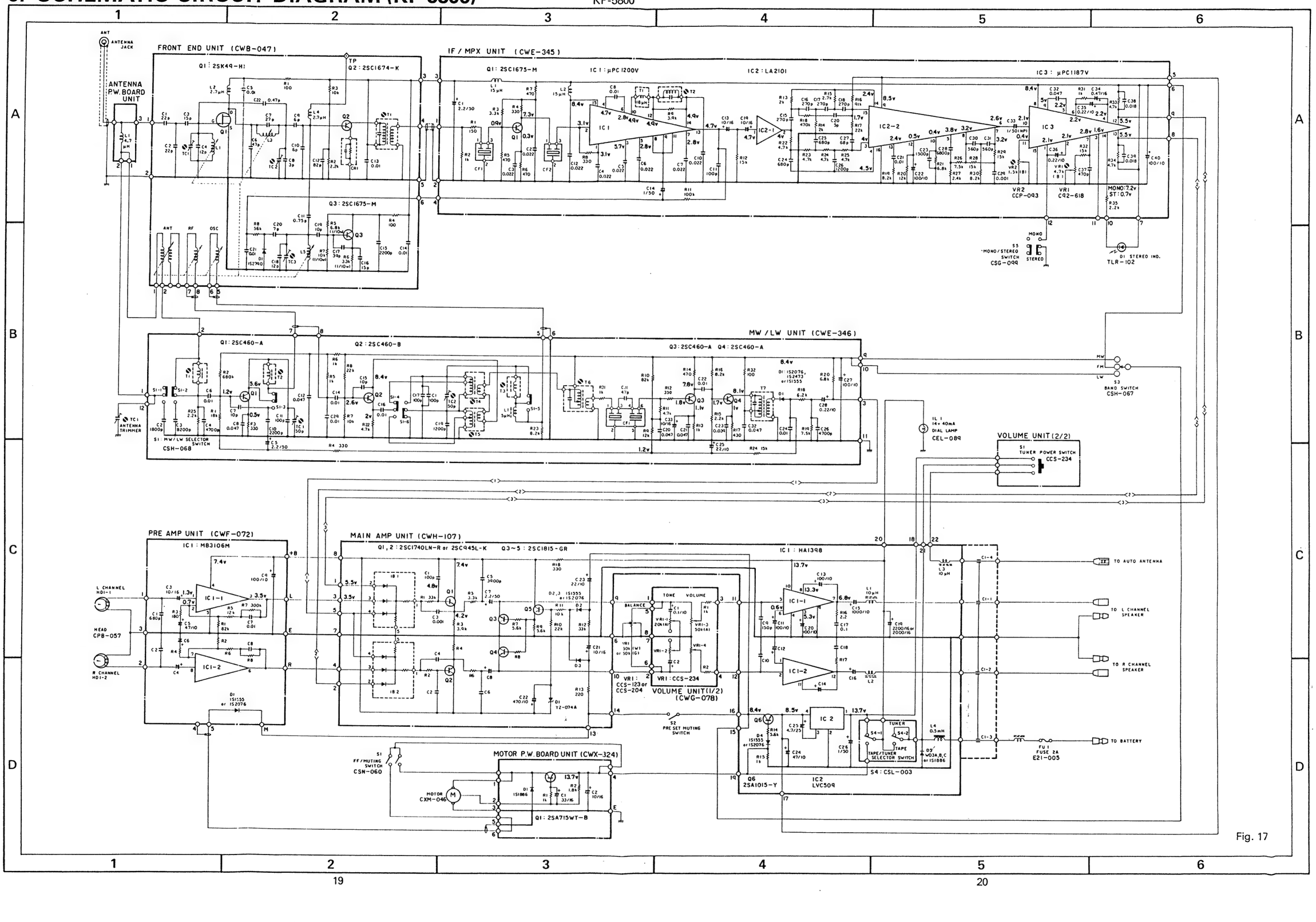
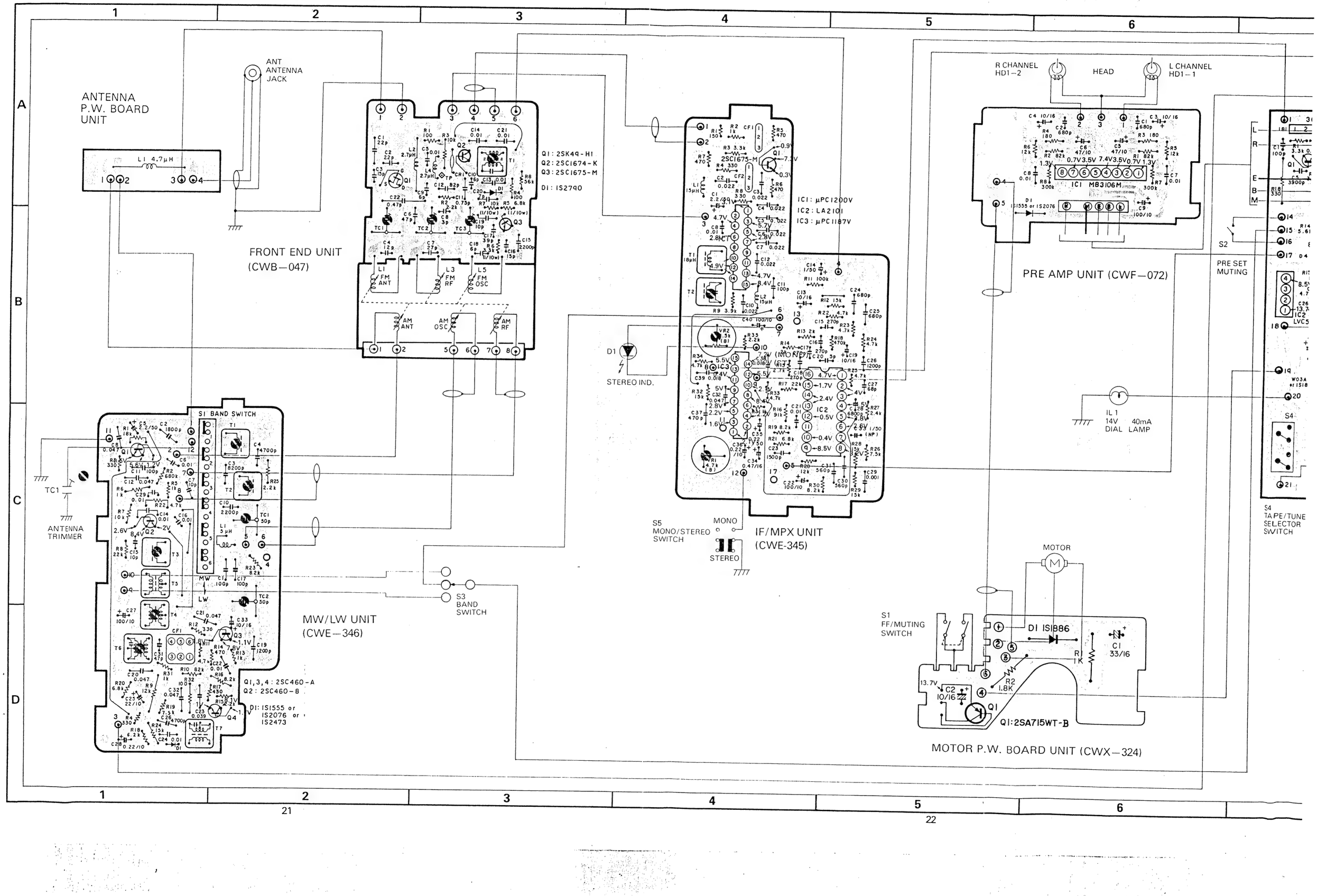


Fig. 17

7. CONNECTION DIAGRAM (KP-5800)



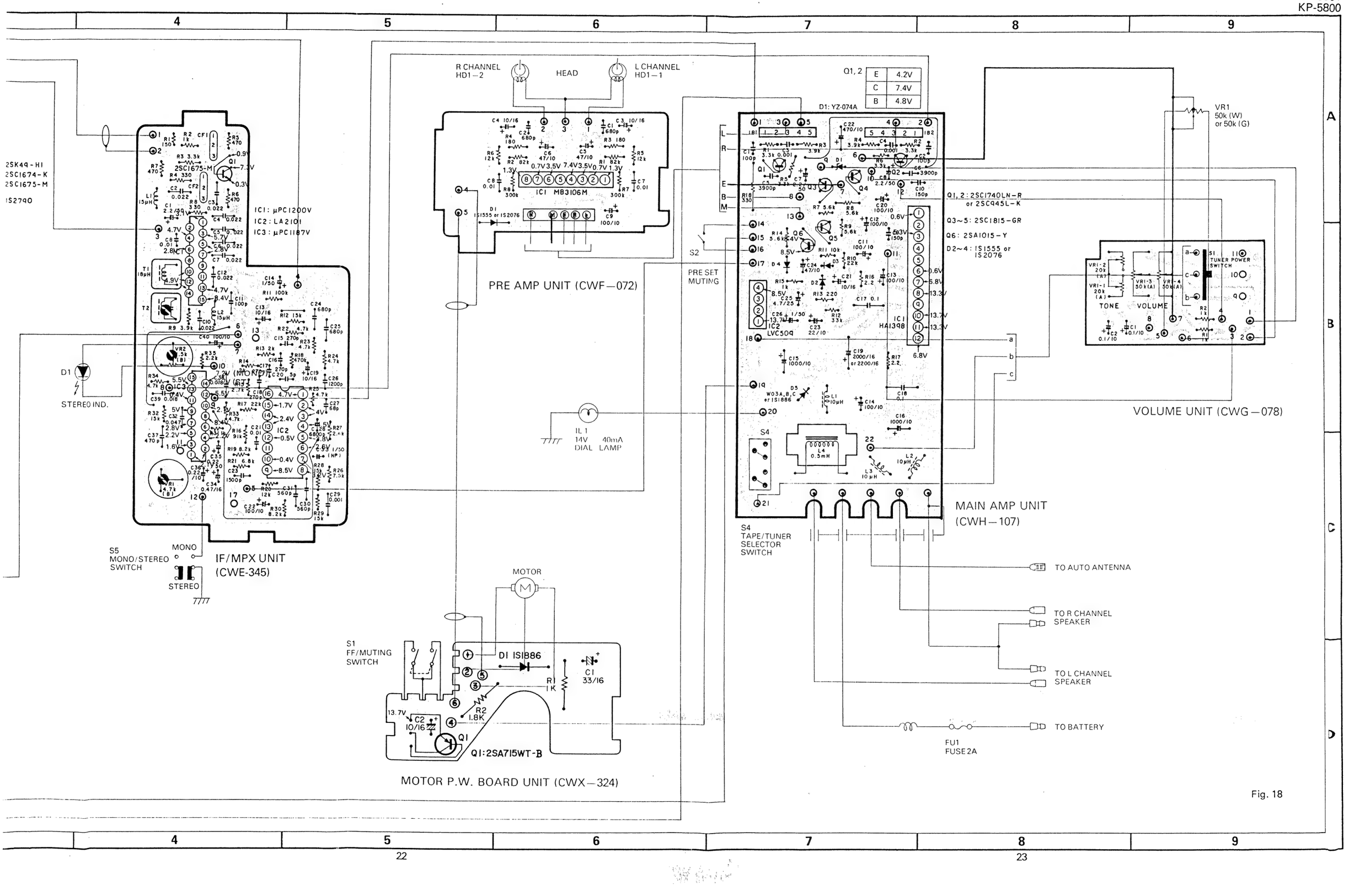

4
5
6
7
8
9
A
B
C
D
R CHANNEL HD1—2
HEAD
L CHANNEL HD1—1
PRE AMP UNIT (CWF—072)
IC1 MB3106M
D1 IS1555 or IS2076
S2
PRE SET MUTING
Q1, 2
E 4.2V
C 7.4V
B 4.8V
D1: YZ-074A
Q1, 2: 2SC1740LN-R or 2SC945L-K
Q3~5: 2SC1815-GR
Q6: 2SA1015-Y
D2~4: IS1555 or IS2076
IC1 HA1398
IC2 LVC509
VR1 50k (W) or 50k (G)
TONE
VOLUME
S1 TUNER POWER SWITCH
VOLUME UNIT (CWG—078)
MAIN AMP UNIT (CWH—107)
S4 TAPE/TUNER SELECTOR SWITCH
TO AUTO ANTENNA
TO R CHANNEL SPEAKER
TO L CHANNEL SPEAKER
TO BATTERY
FU1 FUSE 2A
IL 1 14V 40mA DIAL LAMP
D1 STEREO IND.
IC1: μPC1200V
IC2: LA2101
IC3: μPC1187V
IF/MPX UNIT (CWE-345)
S5 MONO/STEREO SWITCH
MONO
STEREO
MOTOR
S1 FF/MUTING SWITCH
D1 IS1886
Q1
Q1:2SA715WT-B
MOTOR P.W. BOARD UNIT (CWX—324)

Fig. 18

8. CABINET EXPLODED VIEW

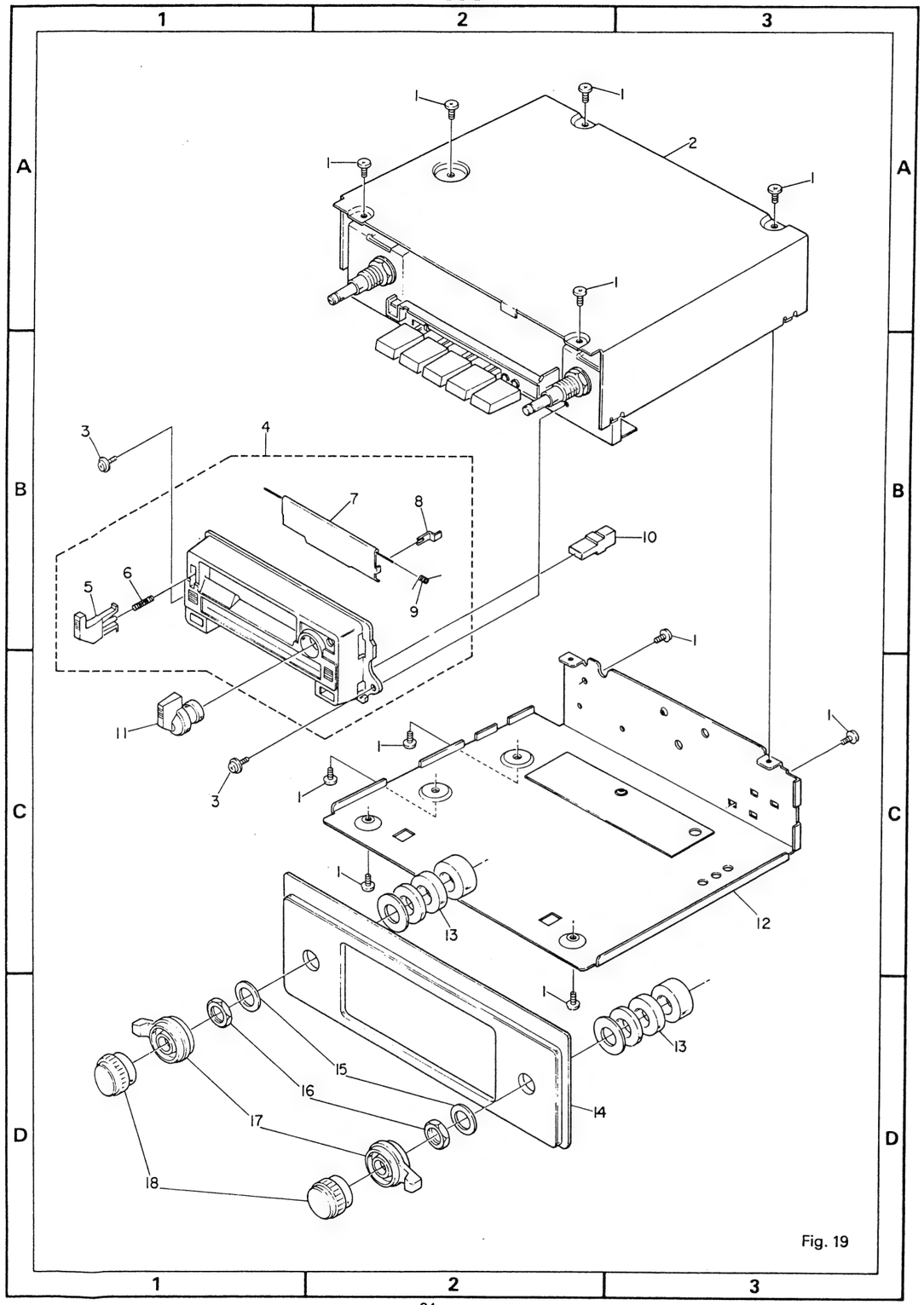
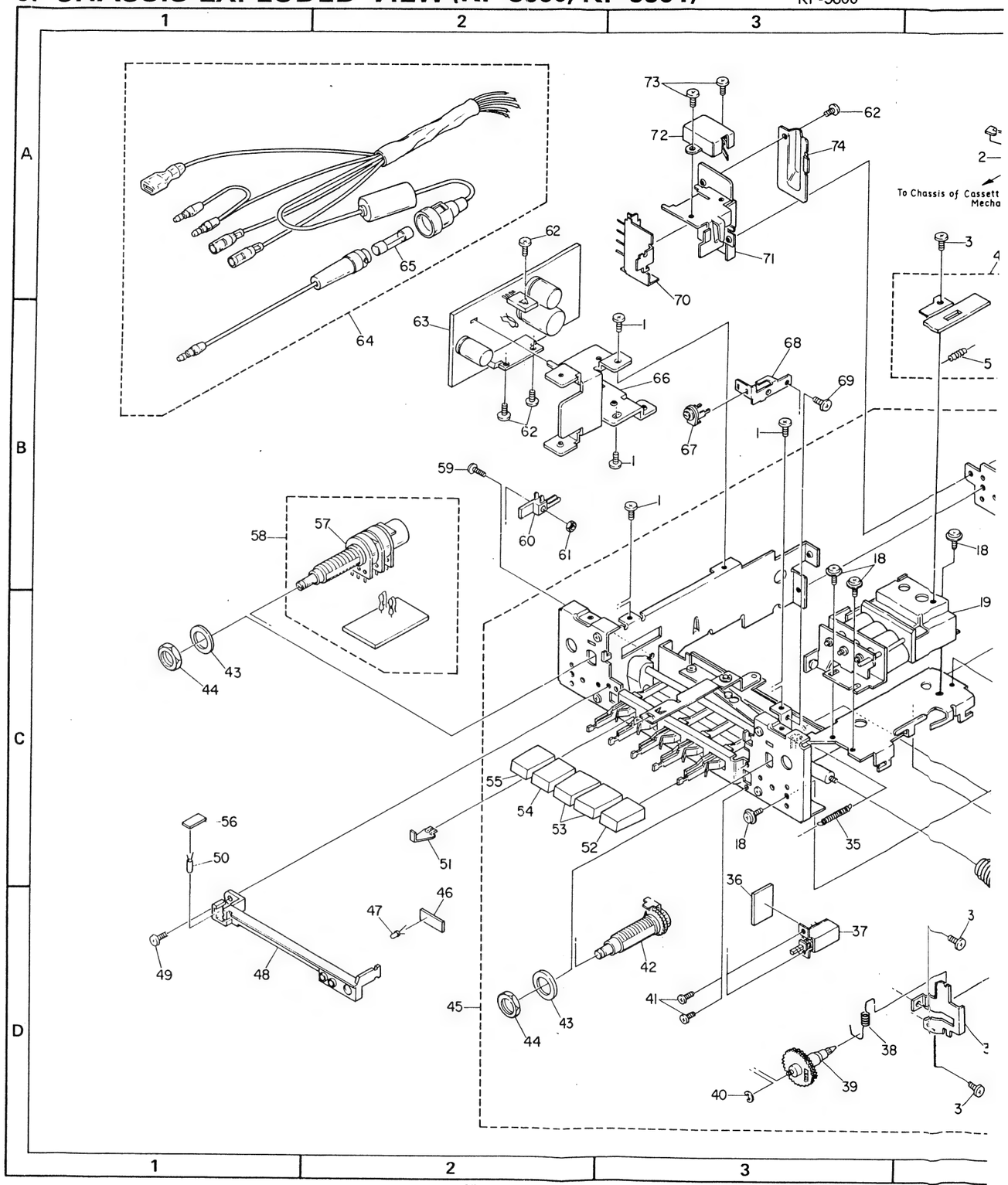


Fig. 19

9. CHASSIS EXPLODED VIEW (KP-5500, KP-5501)

KP-5500
KP-5501
KP-5800



9. CHASSIS EXPLODED VIEW (KP-5500, KP-5501)

KP-5500
KP-5501
KP-5800

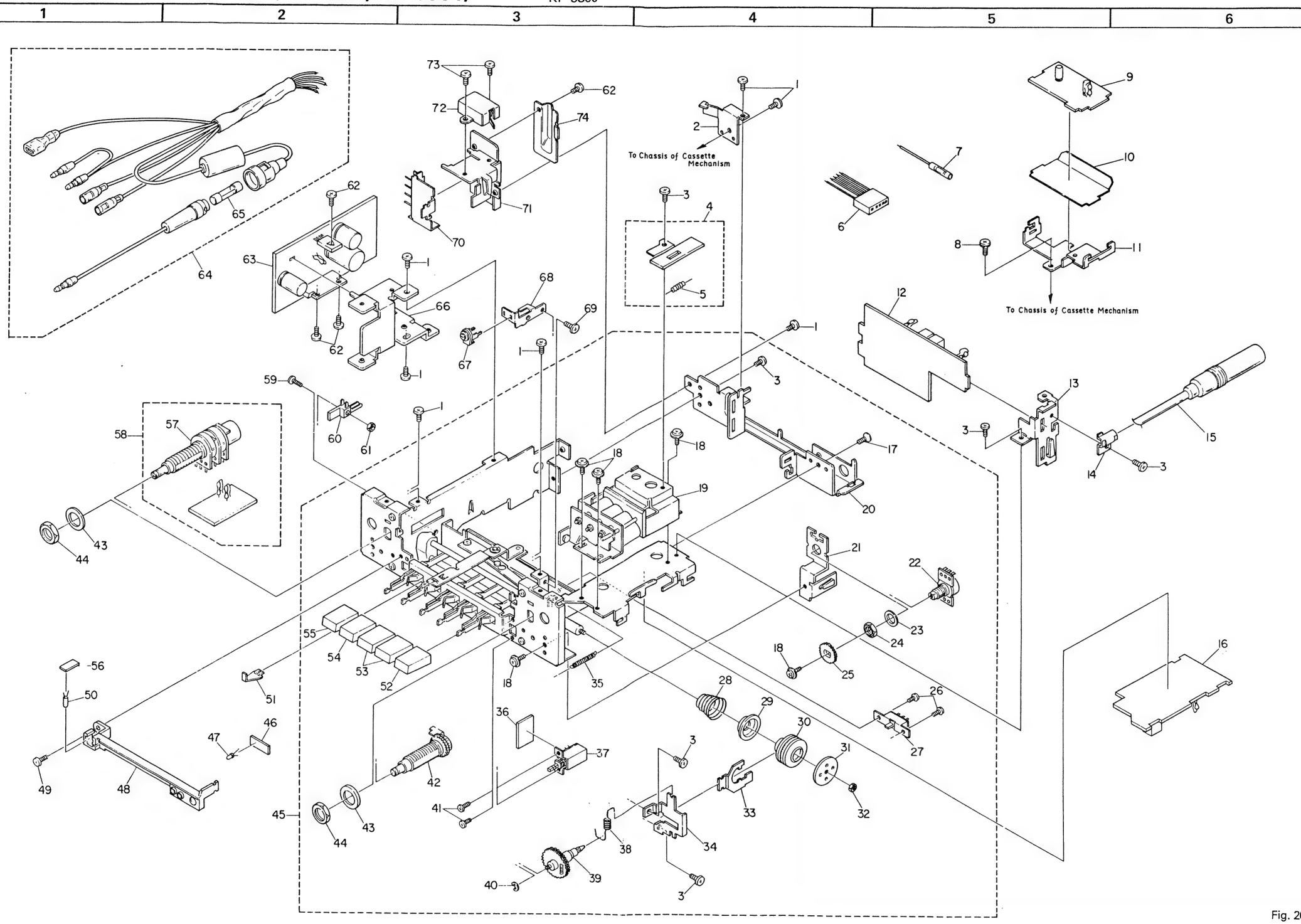


Fig. 20

10. CHASSIS EXPLODED VIEW (KP-5800)

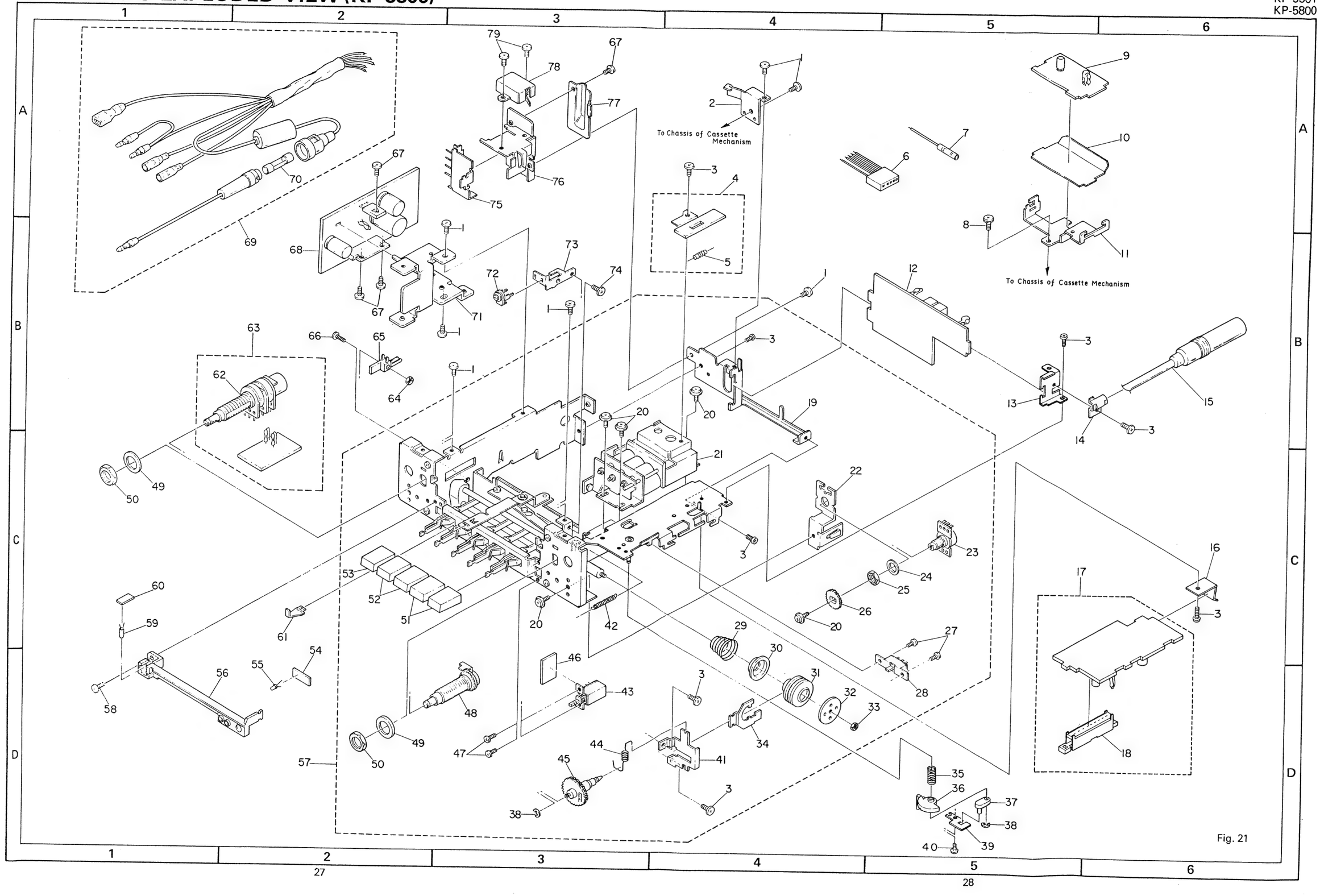


Fig. 21

11. PACKING METHOD

KP-5500
KP-5501
KP-5800

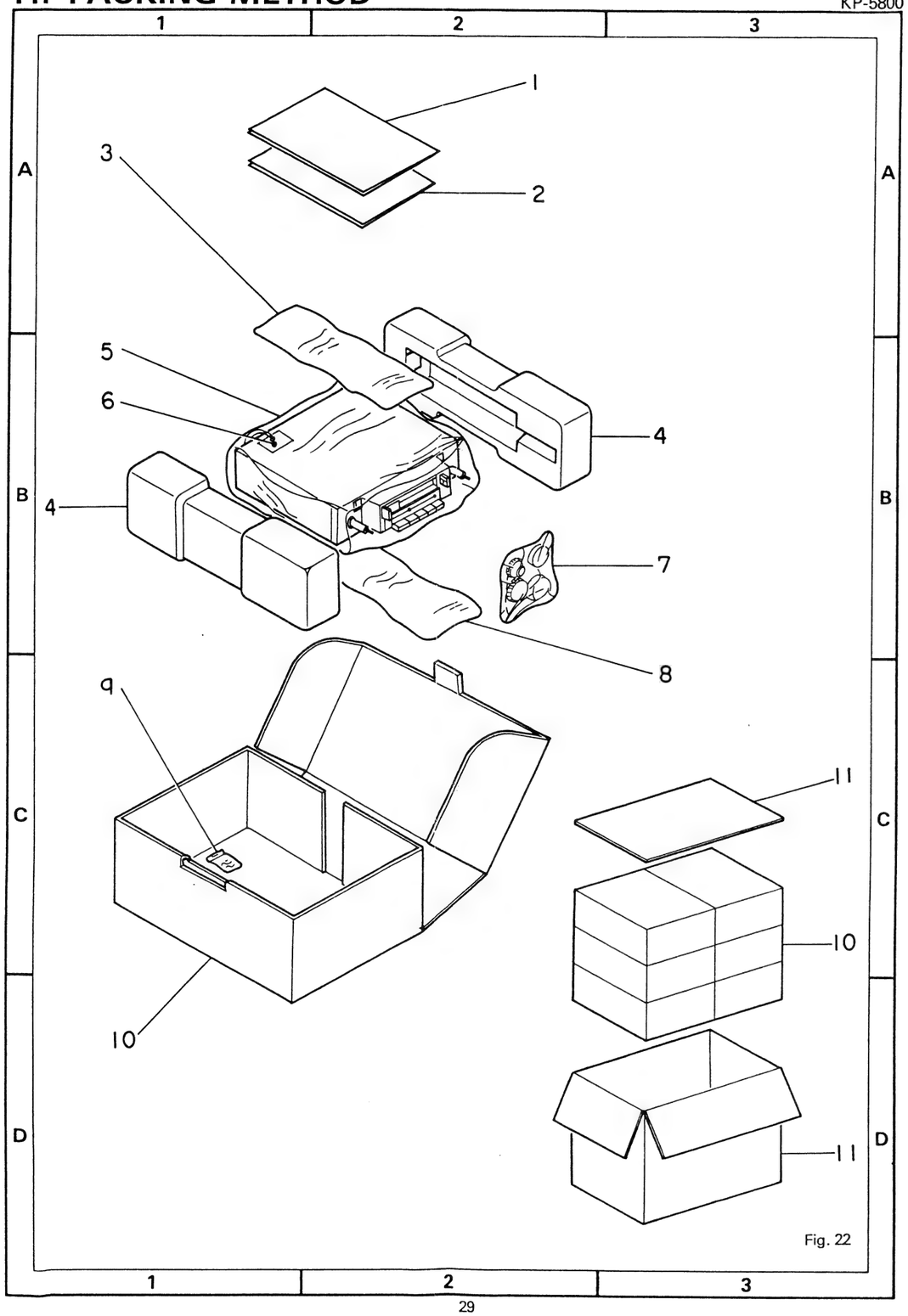


Fig. 22

12. PARTS LIST

NOTE:
When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex. 1 *When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by J = 5%, and K = 10%).*

560Ω	*56×10¹*	*561*	*RD1/4PS 5 6 1 J*
47kΩ	*47×10³*	*473*	*RD1/4PS 4 7 3 J*
0.5Ω	*0R5*		*RN2H 0 R 5 K*
1Ω	*010*		*RS1P 0 1 0 K*

Ex. 2 *When there are 3 effective digits (such as in high precision metal film resistors).*

5.62 kΩ	*562×10¹*		*RN1/4SR 5 6 2 1 F*

- *Parts whose parts numbers are omitted are subject to being not supplied.*

Front End Unit (CWB-049) (KP-5500, KP-5501)

MISCELLANEOUS

Part No.	Symbol & Description		Part No.	Symbol & Description
2SK49-H2	Q1		CKDYD103M50	C12
2SC1674	Q2		CKDYB222K50	C14
2SC1675-M	Q3		CCDTH150J50	C15
1S2790	D1		CCDTH390J50	C16
	L1	FM Coil	CCDTH100F50	C17, C18
CTF-039 or CTF-065	L2	Ferri-Inductor, 2.7μH	CCDCH070D50	C19
	L3	FM Coil	CGBR47K500	C21
CTF-039	L4	Ferri-Inductor, 2.7μH		
	L5	FM Coil		
CTC-043	T1	IF Transformer		
CCG-008	TC1 – TC3	Ceramic Trimmer		
CCX-001	CR1	1kΩ/2200pF		

RESISTORS

Part No.	Symbol & Description
RD1/4VM□□□J	R1 – R4, R8
RD1/10PS□□□J	R5 – R7

CAPACITORS

Part No.	Symbol & Description
CCDSL220K500	C1
CCDSL220J50	C2
CCDSL150J50	C3
CCDRH100F50	C4
CKDYF103Z25	C5, C13, C20
CCDSL560J50	C6
CCDRH270J50	C7
CCDCH060D50	C8, C9
CGBR75K500	C10
CCDSL820J50	C11

Front End Unit (CWB-047) (KP-5800)

MISCELLANEOUS

Part No.	Symbol & Description	
2SK49-H1	Q1	
2SC1674	Q2	
2SC1675-M	Q3	
1S2790	D1	
	L1	FM Coil
CTF-039 or CTF-065	L2	Ferri Inductor, 2.7μH
	L3	FM Coil
CTF-039	L4	Ferri-Inductor, 2.7μH
	L5	FM Coil
CTC-043	T1	IF Transformer
CCG-008	TC1 – TC3	Ceramic Trimmer
CCX-001	CR1	1kΩ/2200pF

RESISTORS

Part No.	Symbol & Description
RD1/4M□□□J	R1 – R4, R8
RD1/10PS□□□J	R5 – R7

CAPACITORS

Part No.	Symbol & Description
CCDSL220K500	C1
CCDSL220J50	C2
CCDSL150J50	C3
CCDPH120J50	C4
CKDYF103Z25	C5, C14, C21
CCDSL470J50	C6
CCDRH270J50	C7
CCDCH030C50	C8
CCDCH060D50	C9, C10
CGBR75K500	C11
CCDSL820J50	C12
CKDYD103M50	C13
CKDYB222K50	C15
CCDTH150J50	C16
CCDTH390J50	C17
CCDRH120J50	C18
CCDTH100F50	C19
CCDCH070D50	C20
CGBR47K500	C22

AM (MW) Unit (CWE-347) (KP-5500, KP-5501)

MISCELLANEOUS

Part No.	Symbol & Description	
LA1130	IC1	
MV-11	D1	
CTB-094	L1	Coil
CTF-005	L2	Ferri-Inductor, 5μH
CTF-016	L3	Ferri-Inductor, 15μH
CTE-105	T1	IF Transformer
CTE-106	T2	IF Transformer
CCG-041	TC1, TC2	Ceramic Trimmer
CTF-122	CF1	Ceramic Filter

RESISTORS

Part No.	Symbol & Description
RD1/4VM□□□J	R1 – R5, R7, R8
RD1/4PM□□□J	R6

CAPACITORS

Part No.	Symbol & Description
CKDBC473K25	C1, C4
CKDBC103K25	C2, C14
CQMA272J50	C3
CCDLH101K50L	C5, C6
CCDLH121K50L	C7
CQMA222J50	C8, C13
CEA470M10L	C9
CQMA103K50	C10
CCDSL470K50L	C11
CEA101M10L	C12
CKDBC333K25	C15
CSYAR15M10	C16
CEA220M10L	C17
CEAR47M50NP	C18
CEA4R7M25L	C19

MW/LW Unit (CWE-346) (KP-5800)

MISCELLANEOUS

Part No.	Symbol & Description	
2SC460-A	Q1, Q3, Q4	
2SC460-B	Q2	
1S1555 or 1S2473 or 1S2076	D1	
CTF-005	L1	Ferri-Inductor, 5μH
CTE-058	T1, T2	Coil
CTE-025	T3	Coil
CTB-093	T4	Coil
CTE-024	T5	Coil
CTE-105	T6	IF Transformer
CTE-104	T7	IF Transformer
CCG-062	TC1, TC2	Ceramic Trimmer, 50pF
CTF-122	CF1	Ceramic Filter
CSH-068	S1	Switch

RESISTORS

Part No.	Symbol & Description
RD1/4VM□□□J	R1 – R17, R19, R20, R22 – R25, R31, R32
RD1/4PS□□□J	R18
VACANT	R21, R26 – R30

CAPACITORS

Part No.	Symbol & Description
CCDPH101K50L	C1, C17
CQSAH182J50	C2
CQMA822J50	C3
CQMA472J50	C4
CEA2R2M50L	C5
CKDBB103K25	C6, C14, C16, C29
CCDSL100F50L	C7, C15
CKDBC473M25	C8, C12, C20, C21, C32
VACANT	C9, C13, C18
CQMA222J50	C10

Part No.	Symbol & Description
CCDLH101K50L	C11
CQSAH122J50	C19
CQMA103K50	C22, C24
CQMA393M50	C23
CEA220M10L	C25
CQMA472K50	C26
CEA101M10L	C27
CSYAR22M10	C28
VACAMT	C30
CCDSL470K50L	C31
CEA100M16L	C33

IF/MPX Unit (CWE-345)

MISCELLANEOUS

Part No.	Symbol & Description	
μPC1200V	IC1	
LA2101	IC2	
μPC1187V	IC3	
2SC1675-M	Q1	
CTF-016	L1, L2	Ferri-Inductor, 15μH
CTC-108	T1	Coil, 18μH
CTC-118	T2	Coil
C92-618	VR1	Semi-fixed, 4.7kΩ (B)
CCP-093	VR2	Semi-fixed, 1.5kΩ (B)
CTF-040	CF1, CF2	Ceramic Filter

RESISTORS

Part No.	Symbol & Description
RD1/4VM□□□J	R1–R9, R11, R13–R15, R17–R35
VACANT	R10
RD1/4PS□□□J	R12, R16

CAPACITORS

Part No.	Symbol & Description
CEA2R2M50L	C1
CKDBC223K25	C2–C7, C10, C12
CKDBC103K25	C8, C21
VACANT	C9
CCDSL101K50	C11
CEA100M16L	C13, C19
CEA010M50L	C14
CKDSA271J50	C15–C18
CCDSL050D50L	C20
CEA101M10L	C22, C40
CQMA152J50	C23
CKDSA681J50	C24, C25
CQMA122J50	C26
CKDSA680J50	C27
CKDBC682K25	C28
CKDSA102J50	C29
CKDSA561J50	C30, C31
CKDBC473K25	C32
CEA010M50NP	C33
CSYAR47M16	C34
CSYAR22M10	C35, C36
CQSAH471K50	C37
CQMA183K50	C38, C39

Volume Unit (CWG-078)

Part No.	Symbol & Description	
CCS-234	VR1	Volume/Switch, 20kΩ (A), 50kΩ (A)
RD1/4VM□□□J	R1, R2	
CSYA0R1M10	C1, C2	
CCS-234	S1	Volume/Switch

Pre Amp Unit (CWF-072)

Part No.	Symbol & Description
MB3106M	IC1
1S1555 or 1S2076	D1
RD1/4VM□□□J	R1–R8
CKDYB681K50L	C1, C2
CEANL100M16L	C3, C4
CEA470M10L	C5, C6
CQMA103J50	C7, C8
CEA101M10L	C9

Antenna P.W. Board Unit

Part No.	Symbol & Description	
CTH-025	L1	Coil, 4.7μH

Motor P.W. Board Unit (CWX-324)

Part No.	Symbol & Description
2SA715WT	Q1
1S1886	D1
RD1/4PS□□□J	R1, R2
CEA330P16	C1
CEA100P16	C2

Main Amp Unit (CWH-107)

MISCELLANEOUS

Part No.	Symbol & Description	
HA1398	IC1	
LVC509	IC2	
2SC1740LN or 2SC945L	Q1, Q2	
2SC1815	Q3–Q5	
2SA1015-Y	Q6	
YZ-074A	D1	
1S1555 or 1S2076	D2–Q4	
W03A, B, C or 1S1886	D5	
CTH-035	L1–L3	Coil, 10μH
CTH-018	L4	Coil, 0.5mH
CWW-049	IB1, IB2	

RESISTORS

Part No.	Symbol & Description
RD1/4VM□□□J	R1–R15
RD1/4VS□□□J	R16, R17
RD1/4PS□□□J	R18

CAPACITORS

Part No.	Symbol & Description	
CKDYB101K50L	C1, C2	
CQMA102J50	C3, C4	
CQMA392J50	C5, C6	
CEA2R2M50L	C7, C8	
CKDYB151K50L	C9, C10	
CEA101M10L	C11–C14, C20	
CEA102M10L	C15, C16	
CQMA104K50	C17, C18	
CCH-050	C19	2000μF/16V or 2200μF/16V
CEA100M16L	C21	
CEA471M10L	C22	
CEA220M10L	C23	
CEA470M10L	C24	
CEA4R7M25L	C25	
CEA010M50L	C26	

Miscellaneous Parts List

Part No.	Symbol & Description	
TLR-102	D1	LED
CCS-123 or CCS-204	VR1	Volume, 50kΩ (W) or 50kΩ (G)
CCG-022	TC1	Ceramic Trimmer
CEL-089	IL1	Lamp, 14V 40mA
E21-005	FU1	Fuse, 2A
CPB-057	HD1	Head
CXM-046	M	Motor
CSN-060	S1	Switch
CSN-059	S2	Switch
CSH-046	S3	Switch (KP-5500, KP-5501)
CSH-067	S3	Switch (KP-5800)
CSL-003	S4	Switch
CSG-099	S5	Switch
CCL-094	C1	Feed through Capacitor

Cabinet

Key No.	Part No.	Description
1.	BMZ30P040FMC	Screw
2.	CXC-029	Case Unit
3.	BMF26P060FMC	Screw
4.	CXC-027	Grille Unit (KP-5500)
	CXC-028	Grille Unit (KP-5501)
	CXC-026	Grille Unit (KP-5800)
5.		Button
6.		Spring
7.	CAT-089	Door
8.	CNE-230	Holder
9.	CBH-516	Spring
10.	CAC-304	Button
11.	CAA-268	Knob
12.	CXC-031	Case Unit
13.	CNV-769	Washer
14.	CEA-352	Panel
15.	CND-646	FW10ø × 1t
16.	CBN-016	N10ø × 3t
17.	CAA-322	Knob
18.	CAA-313	Knob

Chassis (KP-5500, KP-5501)

Key No.	Part No.	Description
1.	BMZ30P050FMC	Screw
2.		Bracket
3.	BMZ26P040FMC	Screw
4.		Antenna P.W.Board Unit
5.	CTH-025	Coil, 4.7μH
6.	CDE-570	Connector
7.		Connector
8.	PMA26P060FUC	Screw
9.	CWF-072	Pre Amp Unit
10.		Insulator
11.		Bracket
12.	CWE-345	IF/MPX Unit
13.		Holder
14.		Clamper
15.	CDH-026	Antenna Cable
16.	CWE-347	AM (MW) Unit
17.	CMZ26P040FMC	Screw
18.	PMS26P040FUC	Screw
19.	CWB-049	Front End Unit
20.		Frame
21.		Bracket
22.	CCS-123 or CCS-204	Volume, 50kΩ (W) or 50kΩ (G)
23.	CBE-012	FW7ø × 0.5t
24.	CBN-003	N7ø × 2t
25.		Gear
26.	BMZ20P030FMC	Screw
27.	CSH-046	Switch
28.		Spring
29.		Washer
30.	CXB-415	Friction Unit
31.	CND-647	Friction Plate
32.	NA30FMC	Nut
33.		Arm
34.		Holder
35.		Spring
36.		P.W. Board
37.	CSG-099	Switch
38.	CBH-141	Spring
39.		Gear Assy
40.	YE20FUC	Washer
41.	PMZ20P040FMC	Screw
42.		Tuning Shaft Assy
43.	CND-646	FW10ø × 1t
44.	CBN-016	N10ø × 3t
45.	CPN-806	AM/FM Pre-set Tuner (KP-5500)
	CPN-809	AM/FM Pre-set Tuner (KP-5501)
46.		P.W. Board
47.	TLR-102	LED
48.		Holder
49.	PMZ26P040FMC	Screw
50.	CEL-089	Lamp, 14V 40mA
51.	CAF-034	Pointer
52.	CAC-239	Button (KP-5500)
	CAC-241	Button (KP-5501)
53.	CAC-239	Button (KP-5500)
	CAC-242	Button (KP-5501)
54.	CAC-238	Button (KP-5500)
	CAC-242	Button (KP-5501)
55.	CAC-238	Button (KP-5500)
	CAC-146	Button (KP-5501)
56.		P.W. Board
57.	CCS-234	Volume/Switch
58.	CWG-078	Volume Unit
59.	BMZ20P080FMC	Screw
60.	CSN-059	Switch
61.	NA20FMC	Nut
62.	BMZ30P060FMC	Screw
63.	CWH-107	Main Amp Unit
64.	CDE-725	Cord
65.	E21-005	Fuse, 2A
66.		Heat Sink
67.	CCG-022	Ceramic Trimmer
68.		Holder
69.	PMA26P050FMC	Screw
70.	CCL-094	Feed through Capacitor
71.		Holder
72.	CSL-003	Switch
73.	PMZ30P040FMC	Screw
74.		Clamper

Chassis (KP-5800)

Key No.	Part No.	Description
1.	BMZ30P050FMC	Screw
2.		Bracket
3.	BMZ26P040FMC	Screw
4.		Antenna P.W. Board Unit
5.	CTH-025	Coil, 4.7μH
6.	CDE-570	Connector
7.		Connector
8.	PMA26P060FUC	Screw
9.	CWF-072	Pre Amp Unit
10.		Insulator
11.		Bracket
12.	CWE-345	IF/MPX Unit
13.		Holder
14.		Clamper
15.	CDH-026	Antenna Cable
16.	CBL-130	Spring
17.	CWE-346	MW/LW Unit
18.	CSH-068	Switch
19.		Frame
20.	PMS26P040FUC	Screw

Key No.	Part No.	Description
21.	CWB-047	Front End Unit
22.		Bracket
23.	CCS-123 or CCS-204	Volume, 50kΩ (W) or 50kΩ (G)
24.	CBE-012	FM7ø × 0.5t
25.	CBN-003	N7ø × 2t
26.		Gear
27.	BMZ20P030FMC	Screw
28.	CSH-067	Switch
29.		Spring
30.		Washer
31.	CXB-415	Friction Unit
32.	CND-647	Friction Plate
33.	NA30FMC	Nut
34.		Arm
35.	CBH-579	Spring
36.		Lever
37.		Lever
38.	YE20FUC	Washer
39.		Lever
40.	BMZ20P050FMC	Screw
41.		Holder
42.		Spring
43.	CSG-099	Switch
44.	CBH-141	Spring
45.		Gear Assy
46.		P.W. Board
47.	PMZ20P040FMC	Screw
48.		Tuning Shaft Assy
49.	CND-646	FW10ø × 1t
50.	CBN-016	N10ø × 3t
51.	CAC-239	Button
52.	CAC-238	Button
53.	CAC-240	Button
54.		P.W. Board
55.	TLR-102	LED
56.		Holder
57.	CPN-805	AM/FM Pre-set Tuner
58.	PMZ26P040FMC	Screw
59.	CEL-089	Lamp, 14V 40mA
60.		P.W. Board
61.	CAF-034	Pointer
62.	CCS-234	Volume/Switch
63.	CWG-078	Volume Unit
64.	NA20FMC	Nut
65.	CSN-059	Switch
66.	BMZ20P080FMC	Screw
67.	BMZ30P060FMC	Screw
68.	CWH-107	Main Amp Unit
69.	CDE-725	Cord
70.	E21-005	Fuse, 2A
71.		Heat Sink
72.	CCG-022	Ceramic Trimmer
73.		Holder
74.	PMA26P050FMC	Screw
75.	CCL-094	Feed through Capacitor
76.		Holder
77.		Clamper
78.	CSL-003	Switch
79.	PMZ30P040FMC	Screw

Packing Method

Key No.	Part No.	Description
1.	CRD-109	Owner's Manual (KP-5500)
	CRD-111	Owner's Manual (KP-5501)
	CRD-107	Owner's Manual (KP-5800)
2.	CRD-110	Owner's Manual (KP-5500)
	CRD-108	Owner's Manual (KP-5800)
3.	CEA-352	Panel
4.	CHA-906	Styrofoam (1 set pair)
5.	E36-622	Polyethylene Bag
6.		Tag
7.	CEA-362	Knob Kit
7-1.	CAA-322	Knob
7-2.	CAA-313	Knob
8.	CEA-300	Accessory Kit
8-1.	CNC-975	Strap
8-2.	CDE-437	Cord
8-3.	CNV-769	Washer
8-4.	CEA-215	Screw Kit
8-4-1.	CBA-028	Screw for Strap
8-4-2.	B70-055-A	WN4ø × 4.5t
8-4-3.	WS40FMC	Washer
8-4-4.	PMB50P200	Screw
8-4-5.	B70-056-A	WN5ø × 5.3t
8-4-6.	CND-646	FW10ø × 1t
8-4-7.	CBN-016	N10ø × 3t
9.	CEA-253	Holder Kit
9-1.	BMZ40P060FMC	Screw
9-2.	WHX0FMC	Washer
10.	CHB-800	Carton (KP-5500)
	CHB-802	Carton (KP-5501)
	CHB-798	Carton (KP-5800)

PIONEER ELECTRONIC CORPORATION
4-1, Meguro 1 chome, Meguro-ku, TOKYO, 153, JAPAN
PIONEER ELECTRONICS OF AMERICA
1925 E, Dominguez St. Long Beach, Calif. 90810
PIONEER ELECTRONIC (EUROPE) N.V.
Luithagen-Haven 9, 2030 Antwerp, Belgium
PIONEER ELECTRONICS AUSTRALIA PTY. LTD.
178-184 Boundary Road, Braeside, Victoria 3195, Australia

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